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

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Cecil Reddy
   (Name of Appropriator)
   of
   (Address)
   (Town)

   County of
   State of

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

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

   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 units 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 The estimated amount of groundwater withdrawn each year: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.
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner

Address

Contractor (if any)

Address of Contractor

Date Started

Date Completed

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

flow at surface

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:

3,000 gallons

calculated by

fill tanks

Signature of Owner

Date

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 School of Mines and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1900
Owner: Noel Anderson & Sons
Address: Fort Benton, Montana
Contractor (if any): None
Address of Contractor:

Date Started: 1900 Date Completed: 1900

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable: Free flowing spring

through collection tile to pool

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:

8' x 16' collection pool used to water

300 head of cattle in continuous use

claim 5 gallons per minute appropriated

Signature of Owner: Noel Anderson & Sons
Date: Dec. 31, 1963

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 School of Mines 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)

Slingsby
1. Harold A. Slingsby and Charlotte Slingsby, of Fort Benton, Montana
(Name of Appropriate)
(Address)
(Town)

County of Chouteau
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 1917 and thereafter

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 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 none

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1917

8. The depth of water table 25 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 547,500

11. The log of formations encountered in the drilling of each well if available none

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 Withdrawal dependent upon use made of other wells and reservoirs. Total withdrawal in Sections 38, 29, 30 and 34 is 547,500 gallons

Signature of Owner

Date 12/25/61

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.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)
Hackl A. Slingby and Charlotte Slingby of Fort Benton, Montana

1. Name of Appropriator: Harold A. Slingby and Charlotte Slingby
   (Address): Fort Benton, Montana
   (Town): Chouteau, Montana

   County of Chouteau, State of Montana

   File No.: T. 25 N. R. 11

   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: stock water

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 2 gallons a 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: none

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

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

8. The depth of water table: 4 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: none

10. The estimated amount of groundwater withdrawn each year: 547,500 gallons

11. The log of formations encountered in the drilling of each well if available: none

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

   Withdrawal dependent upon use made by other wells and reservoirs. Total withdrawal in sections 28, 29, 30, and 31 is 347,500 gallons.

Signature of Owner: [Signature]
Date: [Date]

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

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

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

Harold A. Slingsby and Charlotte Slingsby
Fort Benton, Montana

County of Chouteau
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 and domestic use

3. Date or approximate date of earliest beneficial use: and how continuous the use has been 1920 and thereafter

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 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 1920

8. The depth of water table 30 feet

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

10. The estimated amount of groundwater withdrawn each year 547,500

11. The log of formations encountered in the drilling of each well if available none

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 Withdrawal dependent upon use made of other wells and reservoirs. Total withdrawal in Sections 28, 29, 30 and 34 is 547,500 gallons

Signature of Owner

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

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

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

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

Harold A. Slingsby and Charlotte Slingsby
Fort Benton, Montana

1. (Name of Appraopriator)
2. (Address)
3. (Town)

County of Chouteau, 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 withdrawal dependent upon use made of other wells and reservoirs. Total withdrawal in Sections 28, 29, 30 and 34 is 547,500 gallons.

Signature of Owner

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

Owner: Harold Slingsby  Address: Ft. Benton, Montana
Driller: Hi-Line Drilling Service  Address: Havre, Montana

Date of Notice of appropriation of groundwater: 4-27-67
Date well started: 4-27-67  Date completed: 4-27-67
Type of well: Drilled.  Equipment used: Cable tool rig.
(Dug, driven, bored or drilled)  (Chimney, rotary or other)
Water use: Domestic □  Municipal □  Stock □  Irrigation □  Industrial □  Drainage □  Other □

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>9' 67/8&quot;</td>
<td>18&quot;/foot</td>
<td>108</td>
<td>161</td>
<td>Slotted</td>
</tr>
<tr>
<td>Sandy grey shale</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13&quot;/foot</td>
<td>68&quot;/foot</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>160</td>
<td>166</td>
<td>Above ground level</td>
<td></td>
<td></td>
</tr>
<tr>
<td>161</td>
<td>168</td>
<td>Hard shell</td>
<td>108</td>
<td></td>
</tr>
<tr>
<td>160</td>
<td>166</td>
<td>Firm sandstone water—approx. 1/2 gpm</td>
<td>108</td>
<td></td>
</tr>
<tr>
<td>141</td>
<td>148</td>
<td>Hard shell</td>
<td>108</td>
<td></td>
</tr>
<tr>
<td>140</td>
<td>147</td>
<td>Firm sandstone water—approx. 1/2 gpm</td>
<td>108</td>
<td></td>
</tr>
<tr>
<td>110</td>
<td>120</td>
<td>Sandy grey shale</td>
<td>108</td>
<td></td>
</tr>
<tr>
<td>111</td>
<td>118</td>
<td>Hard shell</td>
<td>108</td>
<td></td>
</tr>
<tr>
<td>100</td>
<td>107</td>
<td>Firm grey shale</td>
<td>108</td>
<td></td>
</tr>
<tr>
<td>90</td>
<td>97</td>
<td>Grey clay</td>
<td>108</td>
<td></td>
</tr>
<tr>
<td>80</td>
<td>87</td>
<td>Brown clay</td>
<td>108</td>
<td></td>
</tr>
<tr>
<td>70</td>
<td>77</td>
<td>Sandy brown clay</td>
<td>108</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 108 feet.
Shut-in Pressure for Flowing Well Not Applicable
Pumping Water Level 162 feet at 15 gal. per minute.
Discharge in gal. per min. of flowing well

How Tested: Balance pump Length of Test: 6 hours
Remarks: (Gravel packing, cementing, packers, type of shut-off, hole reamed to 9" diameter, casing installed to 166 foot level + gravel packed from 166' back to 96')

Bentonite + drilling mud placed above gravel pack

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

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

42, 764
357095

STATE OF MINNESOTA
COUNTY OF MINNEAPOLIS

22-61-01

JANUARY 17, 1948

[Signature]

George W. Henry

[Title]
### Groundwater Index

**County:** Chautauqua  
**Twp.:** 25T  
**Rge.:** 130

<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>12</td>
<td>Andrew Pink</td>
<td>GW2</td>
<td>36/305</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Richard D. Miller</td>
<td>GW4</td>
<td>36/326</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Albert E. Prone</td>
<td>1957</td>
<td>36/260</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Andrew Pink</td>
<td>GW2</td>
<td>35/012</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Clarence Brewer</td>
<td>GW4</td>
<td>34/6469</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Dan Brewer</td>
<td>GW2</td>
<td>36/2466</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Jack Armstrong</td>
<td>GW2</td>
<td>34/5061</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)

Owner: Mr. Andrew Trunk
Address: Great Falls, Montana

Driller: Hi-Line Drilling Service
Address: Havre, Montana

Date of Notice of appropriation of groundwater: Sept. 29, 1969, Date completed: 10/13/69

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

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 5/8&quot; OD</td>
<td>PVC Plastic</td>
<td>0</td>
<td>240</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
Pumping Water Level: 180 feet at 14 gal. per minute.
Discharge in gal. per min. of flowing well: Not App.

How Tested: Submergible pump
Length of Test: 12 hrs.
Remarks: (Gravel packing, cementing, packers, type of shut-off). Casing installed to 240 ft. level and cemented to prevent sulfate water at 22 ft. at 189 ft from contaminated water vein. Water vein left uncased. No casing installed below 240 ft.

Pumping equipment consists of 1 HP-11 Stage Red Jacket submergible pump (100 HPH-1180-240 volts) and 189 ft.

of 1/2-galvanized pipe
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Richard O. Miller, of Heraldine, (Name of Appropriator)
   of Choteau (Address) (Town)
   County of Chouteau 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: Irrigation & House use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1935, has been continuous since that date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10.5 gal per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: About 10.5 Yards squared.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric Pump, E 1/4 4th Sec T 25 R 12 E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1956, was drilled down to 297 ft. below.

8. The depth of water table (feet): 297 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: 4" casing, depth 297 feet, water table in 1956.

10. The estimated amount of groundwater withdrawn each year: 0.00.

11. The log of formations encountered in the drilling of each well if available: State water level rise at 133.

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: I have no reference in County Record.

Signature of Owner: Richard O. Miller
Date: Dec 23, 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 School of Mines and quadruplicate for the Appropriator.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Albert C. Donner
Address: Geraldine,

Driller: W. W. Brown
Address: Butte, Montana

Date Started: June 1946
Date Completed: July 1946

Location: Sec. 26, T. 25 N., R. 122 W., 1/4 sec. SW 1/4 NW 1/4

Type of well: Drilled
Equipment used: (Chim drill, rotary, etc.)

Well use: Domestic x Municipal Stock Irrigation

Industrial Drainage Other:

Casing: From ft. to 286 ft. Type: Iron Size: 6 in. instead

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

Perforated or screened: From 220 ft. to 286 ft. From to ft.

Type of screen or perforations: Drilled holes in casing

Static Water level, for non-flowing well: 77 feet.

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

Pumping water level: feet at gal. per min.

How tested: with pump jack

Length of test: 12 hours

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

This well has three inch galvanized pipe inside casing with wood rods. It cannot be pumped dry and night and cannot be pumped dry. It was drilled into the sandstone and the casing rests on the bottom of the bed. It is pumped with a windmill or pump jack.
<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>31'550</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Water Well Log
Albert E. Combs
To The Public
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Andrew Trunk          Address: Dr. Sandy, Mont.
Driller: Thatcher Drilling       Address: Stanford, Mont.

Date well started: 5/6/56        Date Completed: 5/6/56

Type of well: Groundwater Equipment Used: Rotary
(Churn, drill, rotary or other)

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

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.

82
Driller’s License Number

Driller’s Signature

256
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

Clarence Brewer
Loma

(Name of Appropriator) (Address) (Town)

County of Chouteau 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, 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 capacity of each well or 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: Clarence Brewer
Date: December 18, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines 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 257 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: Tim Brewer
Address: Geraldine, Montana
Date well started: Sept 15, 1969
Date well completed: Sept 28, 1969
Type of well: Drilled
Equipment used: Cable Tool Rig
Water Use: Domestic X 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).

ESTIMATED ANNUAL WITHDRAWAL: 16,340 GALLONS

Top of Ground
<table>
<thead>
<tr>
<th>Strata Above</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTB 2 Soil</td>
<td>0</td>
<td>70</td>
</tr>
<tr>
<td>10 Sandy Brown Clay</td>
<td>0</td>
<td>70</td>
</tr>
<tr>
<td>20 Yellowish Brown Clay</td>
<td>0</td>
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<tr>
<td>20 Brown Clay</td>
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</tr>
<tr>
<td>20 Grayly Enobled Grey Clay</td>
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</tr>
<tr>
<td>20 Sandy Grey Clay</td>
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<tr>
<td>20 Brown Clay</td>
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<tr>
<td>20 Grey Sandstone</td>
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<td>20</td>
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<tr>
<td>20 Grey Sandstone - Water Approx</td>
<td>0</td>
<td>20</td>
</tr>
<tr>
<td>16.5 Sandstone - Goat</td>
<td>0</td>
<td>20</td>
</tr>
<tr>
<td>16.5 Grey Sandstone - Goat to Water Approx</td>
<td>0</td>
<td>20</td>
</tr>
<tr>
<td>8.5 Goat</td>
<td>0</td>
<td>8.5</td>
</tr>
</tbody>
</table>

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

Driller's Signature: Hi-Line Drilling Service
Driller's Address: 113 E 3rd St. Nc, anaconda, MT 59711
LICENSE NO: 160

165 Show exact depth of bottom
50 033
STATE OF MONTANA.
COUNTY OF CHouteau.

# 366246

Mar 10, 1972

2:15 P.M.

By

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

Owner: Jack Arnst
Address: Box Elder, Montana

Driller: Lloyd G. Hauberg
Address: Box Elder, Montana

Date of Notice of Appropriation of Groundwater: July 15, 1963
Date Well Started: July 15, 1963
Date Completed: July 22, 1963

Type of Well: Drilled
Equipment Used: Spudder

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., the 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>Strata Met</th>
<th>Depth (Feet)</th>
<th>Thickness (Feet)</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top soil</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy yellow clay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grey sandy clay, trace of water</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grey shale, Craggert formation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Light brown sandy shale</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bentonite</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grey sandy shale, bentonite</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dark grey sandy shale</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Light tan sandy shale</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hard sand</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brown sandy shale</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Light grey sandstone</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Light brown sandy shale</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandstone, light grey</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Light brown shale, sandy</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandstone, light grey</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Light tan shale, sandy</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Light grey sandstone</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dark grey shale, traces of clay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Light tan sandy shale</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dark brown sandy shale</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grey sandstone</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Brown sandy shale</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Light brown sandstone</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dark brown sandy shale</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Light grey sandstone</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White sandstone</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White sandstone</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Well completed.

Static Water Level for non-flowing Well: 295 feet.
Shut-in Pressure for Flowing Well: None.
Pumping Water Level: 295 feet at 14 gal. per minute.
Discharge in gal. per min. of flowing well: None.

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

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

Show exact depth of bottom.

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

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

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

MIND AUG 5 1963 19
4:30 P.M.

George
County Clerk

By
Deputy

$1 2.00 Paid
<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>2</td>
<td>H. V. Darlington</td>
<td>G12</td>
<td>25156</td>
<td></td>
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<tr>
<td>3</td>
<td>H. V. Darlington</td>
<td>G12</td>
<td>271706</td>
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<tr>
<td>13</td>
<td>Otto Lehman</td>
<td>G14</td>
<td>346174</td>
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<tr>
<td>25</td>
<td>Osthaus Bros.</td>
<td>G14</td>
<td>046717</td>
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<tr>
<td>30</td>
<td>Albert Abel</td>
<td>G13</td>
<td>3461571</td>
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</tr>
<tr>
<td>34</td>
<td>Osthaus Bros.</td>
<td>G14</td>
<td>046218</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

H. V. Darlington
Owner
Big Sandy, Montana

For Administrator's Use
File 301566
GW 1 6-22-71

Contractor (if any) None
Address of Contractor None
Date Started 1971 Date Completed 1971

1. Describe means of obtaining groundwater (as by sub-irrigation, Dugout developed
   developed spring, drains, etc.)
   spring with pipe and tank

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

3. Depth of water table
   5 feet

4. Use of the water
   Stock water

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

6. If used for irrigation, give number of acres and description
   of land none

7. Estimate amount of water used each year
   year around

8. Months of year spring flows

Signature of Owner
Date June 28, 1973
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: [Name]
Address: [Address]

Date well started: [Date]
Completed: [Date]

Type of well: Drilled

Equipment used: [Equipment]

Water Use: [Use]

Describe: [Description]

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Profile of Casing</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
<th>Kind</th>
<th>Size</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 1/4</td>
<td>4 1/2</td>
<td>214</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: [Level] ft.
Pumping water level: [Level] ft.

Measured: [Measurement] gallons per minute, measured [time] minutes after pumping begun.

*Measured from ground level.

Well developed by: [Developer]
Power: [Power]

Remarks: [Remarks]

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

Driller's Signature: [Signature]
Driller's Address: [Address]

LICENSE NO: [License]

Show exact depth of bottom: [Depth]
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Otto Salzen  of Big Sandy
   (Name of Appropriator)
   (Address) (Town)

   County of Chouteau  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 1947 to 1963

   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 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.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. (Name of Appropnator) (Address) (Town)

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

2. The beneficial use on which the claim is based

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

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

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner
Date 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 School of Mines and Quadruplicate for the Appropnator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater ... 1967
Owner ... Albert Abel
Address ... Geraldine, Montana
Contractor (if any) ... None
Address of Contractor ... None
Date Started ... Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Flowing spring

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

30 gallons per day

Signature of Owner ... Albert
Date ... December 23, 1963

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 School of Mines and Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Osterman Brothers of Big Sandy,
   (Name of Appropriator) (Address)
   County of Chouteau, 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 watering.

3. Date or approximate date of earliest use, and how continuous the use has been since that time: 1930.

4. The amount of groundwater (in acre-feet or gallons):
   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:

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

6. The depth of water table:

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

8. The type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:

9. The estimated amount of groundwater withdrawn each year:

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

11. 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: Henry Osterman
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 School of Mines and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<tr>
<td>1</td>
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<td>Gw3</td>
<td>371370</td>
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<td>2</td>
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<td>Gw3</td>
<td>371375</td>
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<td>3</td>
<td>Henry Oltmann</td>
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<td>4</td>
<td>Henry Oltmann</td>
<td>Gw3</td>
<td>371376</td>
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<tr>
<td>5</td>
<td>Henry Oltmann</td>
<td>Gw4</td>
<td>346716</td>
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<td>6</td>
<td>Sarah A. Michael Silvis</td>
<td>Gw3</td>
<td>346890</td>
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<tr>
<td>7</td>
<td>Matt. Barrows &amp; Sons</td>
<td>Gw4</td>
<td>347733</td>
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<tr>
<td>8</td>
<td>Matt. Barrows &amp; Sons</td>
<td>Gw3</td>
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<td>9</td>
<td>County. Adelant</td>
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<td>10</td>
<td>Robert C. Ybarra</td>
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<td>11</td>
<td>Joe &amp; A. Michael Silvis</td>
<td>Gw4</td>
<td>346891</td>
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<tr>
<td>12</td>
<td>Elzie B. Barbell</td>
<td>Gw3</td>
<td>344633</td>
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<td>13</td>
<td>Henry Oltmann</td>
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<tr>
<td>14</td>
<td>Joseph C. Ybarra</td>
<td>Gw4</td>
<td>3446554</td>
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<tr>
<td>15</td>
<td>L. B. Ybarra &amp; Kittles</td>
<td>Gw3</td>
<td>3446936</td>
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<tr>
<td>16</td>
<td>L. B. Ybarra &amp; Kittles</td>
<td>Gw4</td>
<td>3468941</td>
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<tr>
<td>17</td>
<td>John &amp; Camille Kittles</td>
<td>Gw4</td>
<td>346998</td>
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<td>18</td>
<td>Vivian L. Ybarra &amp; Kittles</td>
<td>Gw4</td>
<td>346890</td>
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<tr>
<td>19</td>
<td>Gillie F. Oltmann</td>
<td>Gw3</td>
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<td>20</td>
<td>Joseph Pederson, Jr.</td>
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<tr>
<td>22</td>
<td>Vassie Kittles &amp; Jennifer Kittles</td>
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<td>346999</td>
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<td>23</td>
<td>Vivian L. Ybarra &amp; Kittles</td>
<td>Gw4</td>
<td>346839</td>
<td></td>
</tr>
</tbody>
</table>
# Notice of Completion of Groundwater Appropriation

## Without Well

(Under Chapter 237, Montana Session Laws, 1901)

**Notice of Completion of Groundwater Appropriation Without Well**

**RECEIVED**

AUG 19, 91

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

<table>
<thead>
<tr>
<th>N</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td></td>
</tr>
</tbody>
</table>

**Date of Appropriation of Groundwater:** Dec 16, 1901

**Owner:** Henry Outstanding

**Address:** Big Sandy

**Contractor:** None

**Address of Contractor:** None

**Date Started:** None

**Date Completed:** None

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

**Indicate point of appropriation and place of use, if possible.**

3 7/13 77

6-29-79

10:00 A.M.

**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.**

**Contemporary note:**

Signature of Owner: Henry Outstanding

Date: June 29, 1902

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, ss.
COUNTY OF CHouteau.

Filed June 29, 1923
at 10:00 o'clock, A. M.

[Signature] County Clerk

For ______________________ Deputy

Rec $2.00 Paid

371377
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

RECEIVED
AUG 2 1973

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Date of Appropriation of Groundwater

ON_9

Name

Address of Contractor

Date Started

Date Completed

Contractor (if any)

Address

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

at ground level

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.

Signature of Owner

Date

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, ss.
COUNTY OF CHOUTEAU.

Filed June 29, 1925
at 9:14 o'clock A. M.

County Clerk

By______________________ Deputy

Fee $2.50 Paid
**Notice of Completion of Groundwater Appropriation Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: June 29, 1963

Owner: Henry Ostuni
Address: 1902 2nd St.

Contractor (if any): None

Address of Contractor: None

Date Started: None
Date Completed: June 29, 1963

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. (Note: flooding sub-irrigation at ground level)

Indicate point of appropriation and place of use, if possible.

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.

Provisions by use of a gallon can and a watch

<table>
<thead>
<tr>
<th>Contractor</th>
<th>Henry Ostuni</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>June 29, 1963</td>
</tr>
</tbody>
</table>

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.
Notice of Completion of Groundwater Appropriation
Without Well

[Form Details]

Contractor (Name)
Address of Contractor
Date Started
Date Completed

Describe manner of observation and construction of the sub-irrigation and other methods employed in the development of water when applicable.

Quantity of water developed and used with explanation of methods used to measure or estimate production if not determinable exactly.

Estimate approximately annual yield of water.

Indicate point of appropriation and place of use, if possible.

Signature of Owner

Date

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 & Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology; quadruplicate for the Appropriation.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1921)

RECEIVED
AUG 2 1933
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Date of Appropriation of Groundwater: 1926
Owner: Henry Osterman    Address: Big Sandy
Contractor (if any): None
Address of Contractor: None

Date Started: 1926
Date Completed: 1926
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Date Completed at ground level:

Specify:

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.

371.57 ac
62.97 gal per minute, by use of a gage
1000 AM

Indicate point of appropriation and place of use, if possible.

SEX, NEK, NE.

371.57 ac
62.97 gal per minute, by use of a gage
1000 AM

Signature of Owner: Henry Osterman
Date: June 29, 1933

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.

56316
STATE OF MONTANA,
COUNTY OF CHOUTEAU,

Filed June 29, 1923
at 10:00 o'clock A.M.

George W. Lowry
County Clerk

By __________________________ Deputy

Fee $2.00 Paid
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
STATE ENGINEER
STATE OF MONTANA

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Henry Ostermann
   Name of Appropriator
   (Address)
   of
   (Town)

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      1932 - since that time

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      2 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
      No

   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
      1931 - 1932

   8. The depth of water table
      28 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
      Hand dig - 4' wide - 31' deep

   10. The estimated amount of groundwater withdrawn each year
      26,500 gallons

   11. The log of formations encountered in the drilling of each well if available
      Grimes or 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
      None

   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.
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1930
Owner: Joseph S. Muriel, Sullivan
Address: Big Sandy, Montana
Contractor (if any): None
Address of Contractor: 
Date Started: Sept. 1963, Date Completed: Sept. 1963

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural flow at ground level cemented hole with pipe.

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. 5 gal. per minute measured in tank from pipe. Continuous use.

Signature of Owner: Joseph Muriel, Sullivan
Date: December 25, 1963

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 School of Mines and Quadruplicate for the Appropriorator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Matt Gasvoda & Sons, Inc., of Big Sandy
   (Name of Appropriator) (Address) (Town)
   County of Chouteau, 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 Household

3. Date or approximate date of earliest beneficial use: 1925, and how continuous the use has been since that time year around.

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

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof: None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Windmill and pump with 14' pipe—Electric Pump with 3/4 inch pipe

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

8. The depth of water table: 26 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: Cased Well with concrete—1 ft in diameter; 12 ft deep—Windmill with pump 14 inch pipe—electric pump with 3/4 inch pipe

10. The estimated amount of groundwater withdrawn each year: 500,000 gals. per year

11. The log of formations encountered in the drilling of each well if available: Renge Sand and gravel to 26 ft and blue clay and sandstone to bottom of well

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

Signature of Owner: Matt Gasvoda, President
Date: December 30, 1962

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quaduplicate for the Appropriator.