STATE OF MONTANA

County of Dawson.

Filed for record this 20th day of December, A.D. 1963, at

[Signature]

County Clerk and Recorder.

By

[Signature]
Deputy.

Fee paid $ 2.00
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

**State of Montana**

**Administrator of Groundwater Code**

**Office of State Engineer**

**County of** Dawson

**State of** Montana

**Jensen Bros. of Circle, Inc.**

1. **Name of Appropriator**: Circle
   **Address**: (Address)
   **Town**: (Town)
   **County of**: Dawson
   **State of**: Montana

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: **July 1, 1960**

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **July 1, 1960**

8. The depth of water table: **Eighty feet**

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: **Drilled, six inch casing, one hundred and twenty feet**

10. The estimated amount of groundwater withdrawn each year: **40,000 gallons**

11. The log of formations encountered in the drilling of each well if available: **Ten feet of water-bearing sand at the bottom**

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**: Jensen Bros. of Circle, Inc.

**Date**: 12-30-62

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 Appropriate.
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
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</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Henry</td>
</tr>
<tr>
<td>Address</td>
<td>Risingmont</td>
</tr>
<tr>
<td>Driller</td>
<td>David</td>
</tr>
<tr>
<td>Address</td>
<td>Risingmont</td>
</tr>
<tr>
<td>Date Started</td>
<td>5-29-58</td>
</tr>
<tr>
<td>Date Completed</td>
<td>6-4-58</td>
</tr>
<tr>
<td>Location</td>
<td>Sec 20, T. 81, R. N40, 1/4 sec 8 2</td>
</tr>
</tbody>
</table>

**Type of Well**: Drilled  
**Equipment Used**: Air Silent

**Water Use**: Stock

**Casing**: 0 ft. to 22 ft. Type Steel Size 8"  
**Casing**: 23 ft. to 51 ft. Type Steel Size 6"  
**Casing**: 51 ft. to 100 ft. Type Other Size

**Perforated or Screened**: 20 ft. to 51 ft.  
**Type of Screen or Perforation**:  

**Static Water Level**, for non-flowing well: 23 ft. from log  
**Shut-in Pressure**, for flowing well: 15 lb./sq. in. on: (date)  
**Pumping Water Level**: 3 ft. at: 8 gal. per min  
**How Tested**: **TABLED AND BEAD PUMP**

**Length of Test**: 4 hr. each  
**Remarks**: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)
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<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
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</thead>
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<td>12</td>
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</tr>
<tr>
<td></td>
<td>12</td>
<td>21</td>
<td>gravel</td>
</tr>
<tr>
<td></td>
<td>21</td>
<td>30</td>
<td>Brown sandy clay</td>
</tr>
<tr>
<td></td>
<td>30</td>
<td>40</td>
<td>Good - little water</td>
</tr>
<tr>
<td></td>
<td>40</td>
<td>45</td>
<td>Yellow clay</td>
</tr>
<tr>
<td></td>
<td>45</td>
<td>51</td>
<td>Poor gravel + water</td>
</tr>
</tbody>
</table>

Log of Well
Decleration of Vested Groundwater Rights JAN 14 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Jensen Bros. of Circle, Inc., of Circle

County of Dawson 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. Home Use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. JULY 1955 has been used continuously since.

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

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

8. The depth of water table. Eighteen 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 dug, fifteen inch casing, twenty-four feet deep.

10. The estimated amount of groundwater withdrawn each year. 73,000 gallons

11. The log of formations encountered in the drilling of each well if available. Approximately five feet of gravel at the bottom

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 12-30-63

Jensen Bros. of Circle

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

Jensen Bros. Off Circle Inc., of Circle, Dawson County, 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: October 1948 Has been used continuously since.

4. The amount of groundwater claimed (in minor'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: Not applicable.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: October 1948

8. The depth of water table: Ten 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 Aug, fifteen inch casing, Sixteen feet deep.

10. The estimated amount of groundwater withdrawn each year: 146,000 gallons.

11. The log of formations encountered in the drilling of each well if available: Four feet of gravel at the bottom.

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.

Jensen Bros. of Circle, Inc.
Signature of Owner
Date: 12-30-63

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Jensen Bros., Circle, Inc.

County of Dawson
State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

2. The beneficial use on which the claim is based: stock water and home use.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: September 1, 1955. Has been used continuously.

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

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

8. The depth of water table: Forty-five feet and eighty feet.

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

10. The estimated amount of groundwater withdrawn each year: 182,500 gallons.

11. The log of formations encountered in the drilling of each well if available: Coal of 15 feet. Water bearing sand from eighty to ninety-four feet deep.

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.

Jensen Bros., Circle, Inc.

Signature of Owner: [Signature]

Date: 12-30-63

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.

JAN 14 1964
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 287, Montana Fish, Game, and Parks Code)

Owner: Ed Jasper
Address: Circle, Montana

Driller: Daniel S. Haggerty
Address: Lindsey, Montana

Date of Notice of Appropriation of Groundwater: __________

Date well started: __________ Date Completed: __________

Type of well drilled: (dug, driven, bored or drilled)
Equipment Used: (cable tool drill)
(CHURCH, DRILL, ROTARY, or other)

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

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

Show exact depth of bottom.

Static Water Level for non-flowing Well: __________ ft.

Shut-in Pressure for Flowing Well: not applicable

Pumping Water Level: __________ feet at __________ gal. per minute.

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

How Tested: drilled Length of Test: __________

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

__________

Driller’s License Number

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1967**

(Under Chapter 337, Montana Codes Laws, 1961)

Owner: Adolph Kirchmair  
Address: Circle, Montana

Driller: Daniel G. Hagerty  
Address: Lindsay, Montana

**Date of Notice of appropriation of groundwater:** 7/13/67

**Date well started:** 7/6/67  
**Date completed:** 7/13/67

**Type of well drilled:**  
Equipment used: Autoburn Drill  
(Dog, Driven, burred or drilled)  
(Chim drill, rotary or other)

**Water use:**  
Domestic  
Municipal  
Stock  
Irrigation  
Industrial  
Drainage  
Other

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Tool</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
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<tr>
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<td>5&quot;</td>
<td>0</td>
<td>36</td>
<td>1/8&quot; slots</td>
</tr>
<tr>
<td>15#</td>
<td></td>
<td></td>
<td></td>
<td>28</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well at 20 feet.

Shut-in Pressure for Flowing Well not applicable.

Pumping Water Level: 32 feet at 6 gal. per minute.

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

How Tested: Bailed.

Length of Test: 12 hrs.

Remarks: (Gravel packing, cementing, packer, type of shutoff): None.

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

**not applicable**

---

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, a file 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: 13

Driller's Signature: Daniel G. Hagerty

4244
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

[Applicant's Information]

I, [Name of Appropriate], of [Address], in [County of], have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1910 Continuous

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

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: Pump and underground with

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1910

8. The depth of water table: 15ft

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: 90ft deep Sim Claiming

10. The estimated amount of groundwater withdrawn each year: 1,000,000

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

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: [Signature]
Date: [Date]

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

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

Filed for recording the 30th day of December, A.D. 1963, at 5 o'clock P.M.

County Clerk and Recorder,

By

Deputy.

[Signature]
### Groundwater Index

**County:** Dawson  
**Twp.:** 20 N  
**Rge.:** 5 1E

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>H.W.9</td>
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<td>H.W.4</td>
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<td>7</td>
<td>Caddy, Dean</td>
<td>H.W.3</td>
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<td>11</td>
<td>Weedon, Marinette</td>
<td>H.W.3</td>
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<td>See Sec. 11 Above</td>
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<td>C. Caddy, Ranch</td>
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Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws 1961)

Date of Appropriation of Groundwater: 1912.

Owner: 

Address: 

Contractor (if any): 

Address of Contractor: 

Date Started: 

Date Completed: 

Describe means of obtaining groundwater without a well, i.e., by sub-irrigation and other natural processes. Include depth to water when applicable. Spring used since 1912.

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. Spring flows 16 gallons per hour.

Northern Pacific Railway Company

Signature of Owner: 

Date: Nov 29 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. E. H. WALKER, of Bozeman,
   County of Gallatin, State of Montana,
   have appropriated groundwater according to the Montana law of date prior to January 1, 1962, as follows:

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 3 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: 50 acres on a homestead.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: with pump, 100 feet deep.

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

8. The depth of water table: 80 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 withdrawal of groundwater: 30 feet deep.

10. The estimated amount of groundwater withdrawn each year: 3,000 gpm.

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

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: E. H. Walker
Date: Dec 30 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)

NAME OF APPROPRIATOR

COUNTY OF

STATE OF

Declaration of Vested Groundwater Rights

1. ESTHER DOYLE
   of 610 South Sargent, Glendive
   (Name of Appropriator) (Address) (Town)

   County of Dawson 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 purposes since 1947

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 40 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: Wind mill, pump, jack, gasoline engine

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

   8. The depth of water table: 45 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: 2½" casing, 1½" pipe, pump, jack 5 ft deep

   10. The estimated amount of groundwater withdrawn each year: 10,368,000

   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: None

   Signature of Owner: Estelle Doyle
   Date: December 2, 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.
Notice of Completion of Groundwater Appropriation Without Well

Date of Appropriation of Groundwater: 1965

Owner: Esther Doyle  Address: Glendive, Montana
Contractor (if any): None
Address of Contractor: None
Date Started: Natural  Date Completed: Not applicable

Describe means of obtaining groundwater without a well "as by submergence and other natural processes" include depth to water when applicable. Water rises to surface naturally from spring pressure

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

five gallons per minute, continuous discharge
continuous use, livestock purposes

Signature of Owner: Esther Doyle
Date: December 2, 1965

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.
OWNER: Jean Brody  
ADDRESS: Glendale, Montana  
DRILLER: Albert Brest  
ADDRESS: Brockway, Montana  
DATE STARTED: November 15, 1961  
DATE COMPLETED: Nov. 30, '61  
LOCATION: Sec. 7 T. 20 R. 51 1/4 sec.  

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<tr>
<th>TYPE OF WELL DRILLED</th>
<th>EQUIPMENT USED</th>
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<tbody>
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<td>CHURN DRILLED</td>
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<table>
<thead>
<tr>
<th>WATER USE:</th>
<th>Stock X</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>CASING:</th>
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<tbody>
<tr>
<td>Top: 0 ft. to 17 ft. Type Steel Size 6 inch</td>
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<tr>
<td>17 ft. to 142 ft. Type Steel Size 4 inch</td>
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<tr>
<td>Ft. 106 to Ft. 110</td>
</tr>
<tr>
<td>Ft. 126 to Ft. 139</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SCREEN OR PERFORATIONS</th>
<th>SLOTS IN CASING</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STATIC WATER LEVEL, FOR NON-FLOWING WELL: 30 feet from the top 00 feet.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>SHUT-IN PRESSURE, FOR FLOWING WELL: lb./sq. in. on:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>PUMPING WATER LEVEL 107 feet at 10 gal. per min. 30</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>HOW TESTED:</th>
<th>Belar</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>LENGTH OF TEST</th>
<th>4 hour</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>REMARKS:</th>
<th>Gravel packed water vein</th>
</tr>
</thead>
</table>

(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>Top</td>
<td>12</td>
<td>16</td>
<td>Yellow loam</td>
</tr>
<tr>
<td>18</td>
<td>26</td>
<td>Blue clay</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>30</td>
<td>Sand &amp; Seepage</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>42</td>
<td>Blue clay</td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>48</td>
<td>Brown loam</td>
<td></td>
</tr>
<tr>
<td>48</td>
<td>50</td>
<td>Sand</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>55</td>
<td>Blue clay</td>
<td></td>
</tr>
<tr>
<td>55</td>
<td>57</td>
<td>Sand</td>
<td></td>
</tr>
<tr>
<td>57</td>
<td>76</td>
<td>Blue clay</td>
<td></td>
</tr>
<tr>
<td>76</td>
<td>82</td>
<td>Coal</td>
<td></td>
</tr>
<tr>
<td>82</td>
<td>95</td>
<td>Blue clay</td>
<td></td>
</tr>
<tr>
<td>95</td>
<td>100</td>
<td>Shale</td>
<td></td>
</tr>
<tr>
<td>100</td>
<td>106</td>
<td>Gray loam</td>
<td></td>
</tr>
<tr>
<td>106</td>
<td>110</td>
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</tr>
<tr>
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<td>126</td>
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<td>126</td>
<td>130</td>
<td>Water sand</td>
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<td>130</td>
<td>139</td>
<td>Blue clay</td>
<td></td>
</tr>
<tr>
<td>139</td>
<td>142</td>
<td>Sandstone</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: June 22, 1962
Owner: Marjorie Keedan
Address: Republic State Bank
Billings, Mont.
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.

Numerous springs and spring ponds along these creeks are used by owner or operator as water for livestock. Springs are cleaned and improved from time to time to maintain constant flow.

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.

Use is constant. Springs and ponds are used to water up to 100 head of cattle with an estimated maximum consumption of 3000 gallons daily.

Signature of Owner: Marjorie Keedan
Date: 7-13-62

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA
County of Dawson
Filed for record this 18th day of July A.D. 1962, at 2:45 o'clock, M.

Dawson W. Brouse
County Clerk and Recorder.

By: Alice Austin
Deputy.
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: June 25, 1962
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.

Numerous springs and spring ponds along these creeks are used by owner or operator as water for livestock. Springs are cleaned and improved from time to time to maintain constant flow.

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.

Use is constant. Springs and ponds are used to water up to 150 head of cattle with an estimated maximum consumption of 3000 gallons daily.

Signature of Owner: Marinette Weeden
Date: 7-13-62

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 Approprietor.
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: June 22, 1962
Owner: Marvin Weaden. Address: Rapala Star Rd.
Billings, Mont.
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.

Numerous springs and spring ponds along these creeks are used by owner or operator as water for livestock. Springs are cleaned and improved from time to time to maintain constant flow.

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

Use is constant. Springs and ponds are used to water up to 150 head of cattle with an estimated maximum consumption of 3000 gallons daily.

Signature of Owner: (Marvin Weaden)
Date: 7-25-62

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

Three copies of the notice are to be filed with the County Clerk and Recorder where the works are located.

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

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Irene Jannae Brody
of Route One
Circle, Montana

County of
State of

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

1. Ten acres
2. The beneficial use on which the claim is based: one house water well and one stock well
3. Date or approximate date of earliest beneficial use: from 1954 intermittently through 1963
4. The amount of groundwater claimed (in miner's inches or gallons per minute): unknown to me
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: all are electrically pumped
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: unknown to me as this was in the past when record was not required of this.
8. The depth of water table: varied which I also do not know
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: unknown
10. The estimated amount of groundwater withdrawn each year: unknown
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: Irene Jannae Brody
Date: Nov. 30, 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 Appropnator.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 397, Montana Session Laws, 1961)

From 1956 through 1962

Date of Appropriation of Groundwater

Owner

Contractor (if any)

Address of Contractor

Date Started

Date Completed

Address of spring

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include dates of determination main source of spring—install well tank—line from well tank to basin spring that provides water from.

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.

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 and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Form No. 18
3-60

<table>
<thead>
<tr>
<th>T. 50</th>
<th>R. 51</th>
</tr>
</thead>
<tbody>
<tr>
<td>County: Dawson</td>
<td></td>
</tr>
</tbody>
</table>

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Jason Brody
Address: Glendive, Montana

Driller: Albert & Edward Brost
Address: Biddewig, Montana

Date Started: August 2, 1961
Date Completed: August 5, 1961

Location: Sec. 26 T. 50 R. 51 ¼ sec.

Type of well Drilled: Dug, Drilled

Equipment used: Churn Drilled

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

Casing:
- Top: ft. to 8 ft.
- Type: Steel
- Size: 4"

Casing:
- Top: ft. to ft.
- Type: 
- Size: 

Casing:
- Top: ft. to ft.
- Type: 
- Size: 

Perforated or Screened:
- Ft. 42' to ft. 50'
- Ft. 70' to ft. 82'

Type of screen or perforations: Slots in casing

Static Water level, for non-flowing well: 35'

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

Pumping water level: 28' feet at 22 gal. per min.

How tested: Baler

Length of test: ½ hour

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

- Gravel packed water veins

(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>Top</td>
<td>25'</td>
<td>Yellow sandy loam</td>
<td></td>
</tr>
<tr>
<td>25'</td>
<td>27'</td>
<td>Gravel</td>
<td></td>
</tr>
<tr>
<td>27'</td>
<td>42'</td>
<td>Blue clay and rocks</td>
<td></td>
</tr>
<tr>
<td>42'</td>
<td>50'</td>
<td>Coal</td>
<td></td>
</tr>
<tr>
<td>50'</td>
<td>72'</td>
<td>Blue clay</td>
<td></td>
</tr>
<tr>
<td>72'</td>
<td>82'</td>
<td>Water sand</td>
<td></td>
</tr>
<tr>
<td>82'</td>
<td>88'</td>
<td>Blue clay</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater without well:

Owner: E. G. Lease
Address: Mink Rte, Circle, Montana
Contractor (if any): Natural Springs
Address of Contractor: None
Date Started: Natural
Date Completed: Springs
Describe means of obtaining groundwater without a well: "as by sub-irrigation and other natural processes". Include depth to water when applicable. By sub-irrigation and other natural processes (natural springs): Two springs approximately four hundred feet apart.

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. Spring A: 55 gallons per minute. Spring B: 30 gallons per minute. Flow estimated by timing and measuring flow, all needed.

Signature of Owner: E. G. Lease, Circle Montana
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.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Lorriett Miller
Address: Linton

Driller: Daniel G. Haggard
Address: Linton, MT

Date of Notice of Appropriation of Groundwater

Date well started: 7-6-64 Date Completed: 7-11-64

Type of well: Cannel Drilled Equipment Used: CABTIL DRIL (Churn, drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Strata</th>
<th>Size of Strata</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow Clay</td>
<td>15</td>
<td>183</td>
<td></td>
</tr>
<tr>
<td>Blue Slate</td>
<td>183</td>
<td>238</td>
<td></td>
</tr>
<tr>
<td>Sand Rock</td>
<td>238</td>
<td>309</td>
<td></td>
</tr>
<tr>
<td>Blue Slate</td>
<td>309</td>
<td>364</td>
<td></td>
</tr>
<tr>
<td>Coal</td>
<td>364</td>
<td>419</td>
<td></td>
</tr>
<tr>
<td>Coal</td>
<td>419</td>
<td>474</td>
<td></td>
</tr>
<tr>
<td>Blue Slate</td>
<td>474</td>
<td>529</td>
<td></td>
</tr>
<tr>
<td>Sandstone</td>
<td>529</td>
<td>584</td>
<td></td>
</tr>
<tr>
<td>Blue Slate</td>
<td>584</td>
<td>639</td>
<td></td>
</tr>
<tr>
<td>Blue Slate</td>
<td>639</td>
<td>694</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>694</td>
<td>749</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 185 feet

Shut-In Pressure for Flowing Well

Pumping Water Level: 180 feet at 4 gallons per minute

Discharge in gal. per min. of flowing well

How Tested: Bailed Pump Length of Test: 4 HRS.

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)

Gravel packed out side

Size of Drilled Hole: 9

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.

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.

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

Date of Appropriation of Groundwater: To be when required.

Owner: Lorrinette Miller  Address: Mt. I. Lindsay, Mont.

Contractor (if any): None. Natural Springs

Date Started: Natural  Date Completed: Spring

Address of Contractor: None

Describe means of obtaining groundwater without a well, as by sub-irrigation and other natural processes. Include depth to water when applicable. By sub-irrigation and other natural processes (natural springs) in the NW 1/4 of the section as shown on the map.

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.

Spring A: 20 gallons per minute. Flow estimated by timing and measuring flow. All needed.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appraiser.

Signature of Owner: Lorrinette Miller

Date: DEC 27 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.
**Notice of Completion of Groundwater Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1967

(Under Chapter 297, Montana Session Laws, 1961, as amended)

Owner: **Brody Land**
Address: **Culmington**

Driller: **C. H. Storm**
Address: **Bozeman**

Date of Notice of appropriation of ground water: **Aug 9, 1968**

Data of wells started: **Aug 9, 1968**

**Type of Well**
- **Dug**
- **Bored**
- **Pumped**
- **Other**

**Water Use:***
- **Domestic**
- **Municipal**
- **Irrigation**
- **Industrial**
- **Drainage**
- **Other**

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

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>Water</th>
<th>Zone</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>140</td>
<td></td>
</tr>
</tbody>
</table>

**Shut-in Pressure for flowing well**

**Pumping Water Level**: 120 feet

**Discharge in gal. per min. of flowing well**: (Enter)

**How Tested**: 

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

**Date of Notice of Appropriation**

**Date well started**

**Site of Drilled Water**

<table>
<thead>
<tr>
<th>Drilled Water</th>
<th>Weight of Casing</th>
<th>Length of Casing</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>105</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, sand, 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.**

**Scale**: 1 inch = 40 acres

**Comments on reverse side**

**Remarks**: (Continues on reverse side)

**Forms must be present to file and three copies to be filed by the owner with the County Clerk and one copy in the county in which the well is located. Each 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**: 168

**Driller's Signature**: J. Brody Land

**44-9-77**
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OF MONTANA

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws 1931)

(Signed) Maria Miller
(Name of Appropriator)
County of
Prairie
(Address) 704 Montana
(City) (Town)

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

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of (Name)

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.
Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1961
(Under Chapter 197, Montana Session Laws, 1961, as amended)

Owner: J. Brady Land Address: Circle Montana
Driller: C. H. Stark Address: Bozeman-MT

Date of Notice of appropriation of groundwater: Aug 9/83
Date completed: Aug 9/93

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

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 Integral 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>5 1/2&quot;</td>
<td>4&quot;</td>
<td>0</td>
<td>170'</td>
<td></td>
</tr>
<tr>
<td>13/2&quot;</td>
<td>4&quot;</td>
<td>4&quot;</td>
<td>170'</td>
<td></td>
</tr>
<tr>
<td>15/2&quot;</td>
<td>4&quot;</td>
<td>11&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/2&quot;</td>
<td>4&quot;</td>
<td>11&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 139 feet.
Shut-in Pressure for Flowing Well:
Pumping Water Level: 170' feet
Discharge in gal. per minute of flowing well:

How Tested: Driller
Length of Test: 2 hrs.

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

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

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

Driller's License Number C.H. Stark
Driller's Signature 44.976
<table>
<thead>
<tr>
<th>Date</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>08/31/2021</td>
<td>$0.00</td>
</tr>
</tbody>
</table>

STATE OF MONTANA
County of Dawson

[Signature]

[Notary Seal]

305241

[Notary Public]

[Notary Seal]
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Reddick, John</td>
<td>FL-3</td>
<td>286518</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Stilson, W. A.</td>
<td>FL-4</td>
<td>279325</td>
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<td>312984</td>
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<td>9</td>
<td>Stilson, W. A.</td>
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<td>10</td>
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<td>In Debt</td>
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<td>21</td>
<td>Northrup, Mary</td>
<td>FL-2</td>
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<td>28</td>
<td>Miller, Martha</td>
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<td>284625</td>
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<td>29</td>
<td>Miller, Martha</td>
<td>FL-3</td>
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<td>31</td>
<td>Harrell, Alvin</td>
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<td>31</td>
<td>Harrell, James</td>
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<td>32</td>
<td>Harrell, James</td>
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<td>283557</td>
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<td>10</td>
<td>Miller, John</td>
<td>FL-3</td>
<td>284629</td>
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</tr>
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</table>

County Division: Twp. 20 N  Rge. 50 E
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws 1961)

<table>
<thead>
<tr>
<th>Date of Appropriation of Groundwater</th>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 26, 1961</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Owner: John Paulieck
Address: Richy Montana

Contractor (if any)
Address of Contractor

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

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.

All seasons

Signature of Owner: John Paulieck
Date: DEC 26 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 Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

W. A. Stiffer
(Name of Appropriator)

Dawson
(County)
Montana
(State)

of
(Address)

of Boyle
(Town)

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

2. The beneficial use on which the claim is based...
Water for livestock

3. Date or approximate date of earliest beneficial use, and how continuous the use has been...
Dec 1946
Continuous use

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...
June 1948

8. The depth of water table...
47 feet

9. So far as may be available, the type, size and depth of well or the general specifications of any other works for the withdrawal of groundwater...
not available

10. The estimated amount of groundwater withdrawn each year...
800,000

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

Filed for record this 11th day of May A.D. 1967 at 10:00 o'clock A.M.

[Signature]
County Clerk and Recorder.

By: Alice Curtis, Deputy.
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

Owner: Marie Hadden
Address: Star, Mont.

Contractor (if any): (none)
Address of Contractor: (none)

Date Started: Date Completed:

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

Numerous springs and spring ponds along these areas are used by owner or operator as water for livestock. Springs are checked and used proved from time to time to maintain constant flow.

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

The in amount. Springs and ponds are used to water up to 150 head of cattle with an estimated average consumption of 3000 gallons daily.


RECEIVED

STATE ENGINEER

JUL 16 1962

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
County of Dawson

Filed for record this 13th day of
July A.D. 1962 at
2:45 o'clock M.

Eugene W. Farrow
County Clerk and Recorder

By: Alvin D. Berry, Deputy

Jan. 1, 63
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: MARTHA MAGGIE WEEDAK

For Administrator's Use

Address: 324 S. SPRING

BILLINGS, MONT. 59101

Date well started: UNKNOWN

Date completed: UNKNOWN

Type of well: BORED

Equipment used: ROTARY

Water Use: Domestic ☑ Municipal ☐ Stock ☛ Irrigation ☐

Industrial ☐ Drainage ☐ OTHER ☛ Geminal/Geminal ☐

"Describe if used for irrigation, industrial, drainage or other. Example: state number of acres and location or other data (i.e. Lr, block and addition). Proposed Max. 80 Acres Sec. 7 Town 30 N. Range 52 W.

ESTIMATED ANNUAL WITHDRAWAL: 8,305,000 GALLONS

PERFORATIONS

<table>
<thead>
<tr>
<th>Depth</th>
<th>Diameter</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 ft</td>
<td>4&quot; I.D.</td>
<td>Slot 2' x 50'</td>
</tr>
</tbody>
</table>

Static water level: 11 ft

Pumping water level: 50 ft

Ground water level: 11 ft

Gallons per minute: 500

Minutes to drain: 90 minutes

Well equipped by drainage for 105 hours

Power: Electric Pump 3 HP

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

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

Driller's Signature

Driller's Address

LICENSE NO.

Show exact depth of bottom
### NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

**(Under Chapter 237, Montana Code Annotated, 1961, as amended)**

This form to be prepared by applicant and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, 1st copy to be retained by owner.

Please answer all questions. If not applicable, leave blank; otherwise the form may be returned.

<table>
<thead>
<tr>
<th>Owner</th>
<th>Martin Marcette Hudson</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Bellingham, Montana 59911</td>
</tr>
<tr>
<td>Date well started</td>
<td>June 28, 1970</td>
</tr>
<tr>
<td>Date well completed</td>
<td>Linwood</td>
</tr>
<tr>
<td>Type of well</td>
<td>BORED</td>
</tr>
<tr>
<td>Equipment used</td>
<td>ROTARY</td>
</tr>
<tr>
<td>Water Use:</td>
<td>Domestic □ Municipal □ Stock □ Irrigation □</td>
</tr>
</tbody>
</table>

**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:** 1,980,000 gal.

<table>
<thead>
<tr>
<th>Size of Steel Pipe</th>
<th>Size and Weight of Casing</th>
<th>Dia (Foot)</th>
<th>Mm</th>
<th>Km</th>
<th>Ft (Foot)</th>
<th>Ex (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Inv. 0 to 200 ft</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Static water level: 10 ft.
- Pumping water level: 34 ft.
- Measured 20 gallons per minute, 6 minutes after pumping began.
- Measured from ground level.
- Well developed by **CHIMNEY** for **6** hours.
- Power: **VAC** Pump: **1** HP
- Remarks: **None**

**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 bore: 54378