STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Name of Appropriator: [Name]
   Address: [Address]
   Town: [Town]

   County of [County] 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: [Use]

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

   4. The amount of groundwater claimed, in miner's inches or gallons per minute: [Amount]

   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: [Acreage]

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

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

   8. The depth of water table: [Depth]

   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: [Specifications]

   10. The estimated amount of groundwater withdrawn each year: [Amount]

   11. The log of formations encountered in the drilling of each well if available: [Log]

   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: [Information]

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

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

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

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

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

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   June 1940

8. The depth of water table
   100 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   10 ft exposed 6 ft 2 in. pipe with
   8 ft drilled 8 ft plunge pump

10. The estimated amount of groundwater withdrawn each year
    from 0 to 100,000 gal

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

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

Signature of Owner

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.
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<th>Type of Form</th>
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<td>Howard Ludeman</td>
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<td>Oliva C. Little</td>
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DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Howard Ludeman, of Dept. 167, Bernardine
   (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: 
   House & stock

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

4. The mean of groundwater claimed (in miner's inches or gallons per minute): 5 gal. per minute, or well
   is 4.24 fpm. screened well

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

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: 1932
   
8. The depth of water table: 2.20
   
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: One well is 2.5 ft. deep
   One well is 50 ft. deep
   
10. The estimated amount of groundwater withdrawn each year: 5,000 gal.
11. The log of formations encountered in the drilling of each well if available: Shale & sand

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

Signature of Owner: Howard Ludeman
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 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)

1. Howard Lashman of 1315 267
   (Name of Appropriator)
   (Address)
   (Town)

County of Montana
State of Montana

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

2. The beneficial use on which the claim is based

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

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

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

Date

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

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

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

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

1. Matt C. Bruck, of Tournament...
   (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 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 Matt Bruck
   Date 12-31-1963

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
OFFICE OF STATE ENGINEER

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

1. Katherine Schlamann, of 1 Smalline
   (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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been .... 
   1942
   10 years

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 gal per minute

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

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

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

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 10,000 gal

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

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

Signature of Owner: ____________________________
Date: 12-31-1969

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 Appropriatey.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

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

1. **DELAUERT, H. W.**
   - Name of Appropriator
   - Address
   - Town

   County of **HILL**
   - 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 **NO USE**

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 **NOT APPLICABLE**

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 by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner**: Earl E. Duvall  
**Address**: Geraldine, Montana

**Driller**: James Travithick  
**Address**: Geraldine, Montana

**Date of Notice of Appropriation of Groundwater**: Nov. 1963

**Date well started**: 11/10/63  
**Date completed**: 11/12/63

**Type of well**: dug  
**Equipment Used**: backhoe

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

---

**Driller’s License Number**:  
**Owner’s Signature**: Earl E. Duvall

---

**Static Water Level for non-flowing Well**: 40 inches water at 16 feet.

**Shut-in Pressure for Flowing Well**:  
**Pumping Water Level**: 16' feet at 7½ gal. per minute.

**Discharge in gal. per min. of flowing well**:  
**How Tested**: none completed, or test

**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)

---

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

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

1. **R.F. FULDA MCTA Refinery Co.**, of **Geraldine**
   (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: **DOMESTIC AND STOCK USE**

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **RECEIVED IN THE MONTH OF JULY 1948**

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

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

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **NOT APPLICABLE**

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **NOT APPLICABLE**

   8. The depth of water table: **40 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: **THE WELL IS A DUG WELL AND IScased with galvanized, corrugated culvert. FT. IN DIAMETER BY 40 FT. IN LENGTH.**

   10. The estimated amount of groundwater withdrawn each year: **600,000 GALLONS**

   11. The log of formations encountered in the drilling of each well if available: **NOT APPLICABLE**

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: **NOT APPLICABLE**

   
   Signature of Owner: **[Signature]**
   Date: **Dec 5, 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 Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. James Clark, Sr. of Geraldine, Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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

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

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

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

8. The depth of water table...

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

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

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

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

Signature of Owner: James Clark
Date: Dec. 31, 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 Quadruplicate for the Appropriator.
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**STATE OF MONTANA**
COUNTY OF CHOUTEAU

Filed 2-27-1936
At 9:30 o'clock

By: [Signature]

Fils: 2-27-1936
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. **Alida C. Little**
   - **Name of Appropriator**
   - **Address**
   - **Town**
   - **County**
   - **State**

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **100 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: **1 acre - Alida C. Little; owner**

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **July 5, August 1947**

8. The depth of water table: **10.5 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: **Drilled well 200 ft. deep with 6-inch casing**

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

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

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

**Signature of Owner:** [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 Appropriator.
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<td>Earl C Deapel</td>
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<td>Earl P. Deapel</td>
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DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Robert Metcalfe of 110-345 Cordelia
   (Name of Appropriator) (Address) (Town)
   County of Montana 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
   Feb. 1, 1954 Continuously

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Dec. 1, 1954 to Feb. 1, 1956

8. The depth of water table
   165 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
   100 ft Screened

10. The estimated amount of groundwater withdrawn each year
    150,000 gal

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

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.
STATE OF MONTANA
COUNTY OF CHALET

DEC 31 1963

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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. Earl E. Duval
   of Gersiling
   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 household, Domestic, Stockwater.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been November, 1962, continuous use thereafter.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 miners inches.

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 1/2 inch plastic pipe to barn, 100 foot lift with 2 pipe sizes used.

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

8. The depth of water table surface, well in deep coulee, 300 ft. to barn, 100' lift.

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 well in 9 ft. deep, water table at surface, all located in bottom of 100 ft. coulee from which water is lifted to bench via 300 ft. plastic pipe 1/2 inch.

10. The estimated amount of groundwater withdrawn each year 100 or more than 400,000 gallons.

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

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 Earl E. Duval
Late 26 December 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 Quadruplicate for the Appropriator.
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: November 1961
Owner: Earl E. Puwall
Address: Geraldine, Montana
Contractor (if any): James Trevithick
Address of Contractor: Geraldine, Montana
Date Started: Oct. 1961 Date Completed: Nov. 1961

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug 40 ft. trench, 6 ft. deep, filled with gravel. 4 inch perforated pipe in center of gravel fill, catch tank was 35 inch culvert, 10 ft. in depth, upright, 109 ft. 1 inch plastic pipe to stockwater tank.

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.

Per day estimated use: average length of time used is 6 months, generally early spring to late summer.

Signature of Owner

Date: December 26, 1961

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
COUNTY OF CHOUTEAU

Filed DEC 26 1983
at 3:00 o'clock

By

Deputy

# 346703
<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>
<td>Wallace Pope</td>
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<td>346602</td>
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<tr>
<td>2</td>
<td>Edward Moore</td>
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<td>3</td>
<td>Ethel M. Didion</td>
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<td>346590</td>
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<td>4</td>
<td>Richard H. Gorell</td>
<td>Gw4</td>
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<td>5</td>
<td>Richard H. Gorell</td>
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<td>371653</td>
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<td>7</td>
<td>Adolph Larrick</td>
<td>1961</td>
<td>1912#</td>
<td></td>
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<td>Adolph Larrick</td>
<td>1961</td>
<td>1912#</td>
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<td>9</td>
<td>Henry Gorell</td>
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<td>10</td>
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<td>Edward Gore</td>
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<td>Edward W. Moore</td>
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<td></td>
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<td>21</td>
<td>E. A. Climax</td>
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<td>22</td>
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<tr>
<td>26</td>
<td>Edward W. Moore</td>
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<td>27</td>
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<td>346577</td>
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STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER COMMISSION
OFFICE OF STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater ................................................................. 1934
Owner ................................................. Big Sandy, Montana
Address ........................................................ None
Contractor (if any) ........................................................ None
Address of Contractor ........................................................ None
Date Started ........................................................ Date Completed ........................................................ 1934

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.
Dug Out Gravity Flow—10 ft Dug Out

3/4 inch pipe—livestock and household—used all year around

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.
24 gals per minute—stock water tank—used since 1934 year around

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

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

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.
STATE OF MONTANA
COUNTY OF CHouteau

Filed DEC 26 1963
at 9:30 o'clock

By

File No. 34686

Notary M. Jones
County Clerk

Filed 1-5-64
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Edward Moes
   (Name of Appropriator)
   of
   Big Sandy
   (Address)
   (Town)

   County of Chouteau
   State of Montana

   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1902, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1861

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   20 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
   none

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   1861

8. The depth of water table
   2500 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
   cased w/ pressure pump

10. The estimated amount of groundwater withdrawn each year

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
   unknown

   Signature of Owner
   Edward Moes

   Date: June 26, 1973

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: 1927
Owner: Ethel M. Lidstone
Address: Big Sandy, Montana
Contractor (if any): 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.

Spring dug out 6 feet and high box inserted 6' deep with culvert and pipe to troughs

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

Fill 500 gal tank in approximately 10 Hours year around use

Signature of Owner: Ethel M. Lidstone
Date: December 20, 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)

1. Richard G. Carter, 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
      household use

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 gallon 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
      n/a

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

   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 89 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
      4 inch casing to water table

   10. The estimated amount of groundwater withdrawn each year
      150,000 gallons

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

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

      Signature of Owner: Richard G. Carter
      Date: June 29, 1973

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, ss.
COUNTY OF COLUMBIA

Filed: JUN 29 1973
at 4:00 o'clock M.

By: Deputy
Fee $ ____________ Paid
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: Richard G. Cecile
Address: Big Sandy, Montana
Date well started: 1933
completed: 1966

Type of well: hand dug
Equipment used: pick and shovel

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

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Site of Definite Line</th>
<th>Site and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>48&quot; culvert</td>
<td></td>
<td>0</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1'</td>
<td>35'</td>
<td>40'</td>
</tr>
</tbody>
</table>

Static water level: 30 ft.
Pumping water level: 39 ft.
at one gallon per minute, measured 30 minutes after pumping began.

*Measured from ground level.
Well developed by electric pump for hours.
Power: Pump: 2 1/4 HP Remarks: (Gravel packing, cementing, packers, type of shutoff) automatic float switch

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

Owner's Signature: Richard G. Cecile
Owner's Address: Big Sandy, Montana

LICENSE NO. none
STATE OF MONTANA
COUNTY OF COLUMBUS

Filed JUN 29 1973

At 4:00 o'clock P.M.

SIGNED W. HOPPER
County Clerk

By __________________ Deputy

Fee $_______ Paid

#371654
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: November 1, 1969

Owner: Richard G. Cearle

Address: Big Sandy, Montana

Contractor (if any): self

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. 

dug out spring for livestock water

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 

produces 3/4 gallons per minute into a tank

Signature of Owner: Richard G. Cearle

Date: June 28, 1973

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
COUNTY OF CHUTEAU

Filed: JUN 29 1973 19
at 4:10 P.M.

By ___________________________ Deputy

Fee ________ Paid
<table>
<thead>
<tr>
<th>Type of well</th>
<th>Well Drilled, Bored, or Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use</td>
<td>Domestic</td>
</tr>
<tr>
<td>Casing</td>
<td>ft. to ft.</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>ft. to ft.</td>
</tr>
<tr>
<td>Static Water level</td>
<td>ft.</td>
</tr>
<tr>
<td>Shut-in pressure</td>
<td>lb./sq. in.</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>ft.</td>
</tr>
<tr>
<td>How tested</td>
<td>By use and taste</td>
</tr>
<tr>
<td>Length of test</td>
<td>One month</td>
</tr>
<tr>
<td>Remarks</td>
<td>Gravel Packing, Cementing, Packers, Type of Shut-off, Depth of Shut-off</td>
</tr>
</tbody>
</table>

Lands end 10 ft
10 to 20 ft. lava and sand rock
20 to 30 ft. basalt and sand rock
Cath of well 30 feet

(over)
**Montana Bureau of Mines and Geology**

**WATER WELL LOG**

**Owner:** Adolph, Sec. 16

**Driller:** Highwater

**Date Started:** May 1938

**Date Completed:** May 31, 1938

**Location:** Sec. 28, T. 33 N., R. 6 E., 1/4 sec. 5, NE 4th, 4th. 1/4

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<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Equipment Used</th>
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<tbody>
<tr>
<td>(Dig, driven, bored, or drilled)</td>
<td>(Chain drill, rotary, other)</td>
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**Water Use:**

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

**Casing:**

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<tr>
<th>Depth of Casing</th>
<th>Size</th>
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<td>feet to feet</td>
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</table>

**Perforated or Screened:**

<table>
<thead>
<tr>
<th>Depth of Perforation</th>
<th>Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>feet to feet</td>
<td></td>
</tr>
</tbody>
</table>

**Type of Screen or Perforations:**

**Static Water Level:** feet.

**Shut-in Pressure:** lb/sq. in.

**Pumping Water Level:** feet at gal. per min.

**How Tested:**

**Length of Test:**

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

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(over)
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1951
Owner: Henry Coeple, Address: Big Sandy, Montana
Contractor (if any): None
Address of Contractor: 4
Date Started: Date Completed:

Describe (if any) of obtaining groundwater without a well "as by sub-irrigation or other natural processes", include depth to water level. Developed 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.

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

Signature of Owner: Henry Coeple
Date: 12-23-63

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
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: September 1966
Owner: Henry Coarle
Address: Big Sandy, Montana
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. Developed Capacity:

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. Nine gallons per minute or measured by bucket:

Signature of Owner: Henry Coarle
Date: 12-23-63

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. 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

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: October 1951

Owner: Henry Ceerle
Address: Big Sandy, Montana
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. undevolved spring

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.

15 gallons per minute by bucket

Signature of Owner: Henry Ceerle
Date: 12-23-63

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. Edward Moes ........................................ 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 ........................................
   stock water and domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been ........................................
   1957

4. The amount of groundwater claimed (in miner's inches or gallons per minute) ........................................
   75 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 ........................................
   none

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 ........................................
   1957

8. The depth of water table ........................................
   400 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 ........................................
   400 ft. w/f. submersible pump

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

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 ........................................
    unknown

   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: November 1, 1969
Owner: Richard G. Cecile
Address: Big Sandy, Montana
Contractor (if any): Self
Address of Contractor: 

Date Started: June 29, 1973
Date Completed: 

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

livestock water

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 produces \frac{1}{2} gallon per minute into tank

Signature of Owner: Richard G. Cecile
Date: June 29, 1973

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

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: November 1, 1969
Owner: Richard G. Cecire
Address: Big Sandy, Montana
Contractor (if any): Self
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.

Livestock water

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.

produces 1 pint of water per minute into tank.

Signature of Owner: Richard G. Cecire
Date: June 29, 1973

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. Edward H. Jessen
   (Name of Appropriator) of Big Sandy
   (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: Stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1949
   Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 100 to 200 gal. per min.

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: Not used

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Not known

8. The depth of water table: 50 to 65 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: 150 to 35 ft.

10. The estimated amount of groundwater withdrawn each year: 100,000 gal.

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: 20-1-1964

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

25943
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Edward W. Moran, of Big Sandy
(Name of Appropiator) (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: Stockcater

3. Date or approximate date of earliest beneficial use; and how continues the use has been: Prior to 1910

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 200 to 400 ga...per day

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: Pumps, tanks, and pipes

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1963

8. The depth of water table: 50 ft. to 70 ft.

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

10. The estimated amount of groundwater withdrawn each year: Approx. 100,000 gal.

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: Clarence W. Moran
Date: 20 Dec. 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, to 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 Appropiator.