STATE WATER CONSERVATION BOARD
APR 21 1967
McDermott
McIntyre
Hawkins
Horn
Sollars

File No. 2114

State of Montana
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Scott Land and Livestock Co., of Ranchester, State of Wyoming, County of Sheridan, State of Wyoming, 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 is stock water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Not known. Well is in use six months out of the year.

4. The amount of groundwater claimed (in miner’s inches or gallons per minute) 10 gallons/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 is a pump powered by a gasoline engine.

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 79 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 depth 120 ft., 4 in. of 4 in. casing, 30 ft. of 1½ pipe, 2½ cylinder, steel sucker rod.

10. The estimated amount of groundwater withdrawn each year 2,200 gallons.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 none.

Signature of Owner: Scott Land & Livestock Co.

Date: 4-1-67

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.

41924
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Scott Land and Livestock, Co., of Ranchester
(Name of Appropriator) (Address) (Town)
County of Sheridan State of Wyoming
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 is stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been not known well is in use six months out of the year

4. The amount of groundwater claimed (in miner’s inches or gallons per minute) 10 gallons/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 is a pump powered by a gasoline engine

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 90’

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 cylinder, 14” pipe 140’

depth 150’ 150’ of 4” casing, 24”

10. The estimated amount of groundwater withdrawn each year 42,200 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 none

Signature of Apprator

Date 4-1-67

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 Apprator.

41,720
STATE OF MONTANA

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

Bill No. 186

File No. 1134

STATE WATER CONSERVATION BOARD

STATE OF MONTANA

T. 18  R. 37E

COUNTY OF Big Horn

APR 2 1 1967

OFFICE OF STATE ENGINEER

Signature of Owner: Scott Land & Livestock Co.

Date 4-1-67

3. The beneficial use on which the claim is based is house water and stock water.

4. Date or approximate date of earliest beneficial use; and how continuous the use has been. Not known.

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

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

7. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal is a pump powered by a windmill.

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

9. The depth of water table 60'.

10. The estimated amount of groundwater withdrawn each year 43,200 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. Done.

County Clerk and Recorder of the county in which the well is located.

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

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

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 257 Montana Session Laws, 1961, as amended)

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

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

Owner: [Name]
Address: [Address]

Date well started: [Date]

Type of well: [Type]

Equipment used: [Equipment]

Equipment to be prepared by driller, and three copies to be filed.

Water Use: Domestic [] Municipal [] Stock [] Irrigation []

Industrial [] Drainage [] Other [] Garden/Lawn []

*Describe 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>Size of Drilled Hole</th>
<th>Size and Height of Casing</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 ft</td>
<td></td>
<td></td>
<td></td>
<td>7</td>
</tr>
</tbody>
</table>

Static water level: 33.67 ft. *

Pumping water level: 33.65 ft. *

at 18 gallons per minute, measured minutes after pumping began.

*Measured from ground level.

Well developed by: 

Power: [Power] 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: [Signature]

Driller's Address: [Address]
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Scott Land and Livestock Co., of Ranchester, Wyoming, have appropriated groundwater according to the Montana law in effect prior to January 1, 1922, as follows:

1. The beneficial use on which the claim is based is stock water.

2. Date or approximate date of earliest beneficial use; and how continuous the use has been not known.

3. Well is in use six months out of the year.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons/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 is a pump powered by a windmill.

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 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 depth 140 ft, 140 ft of 4" casing, 120 ft of 1 1/8 pipe, steel sucker rod.

10. The estimated amount of groundwater withdrawn each year 21,600 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 none.

Signature of Owner

Date 4/16/1921

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.

4/1/921
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: Virginia H. Woman For Administrator's Use

Additional Information

Date well started Dec. 16, 1972

Type of well: Drilled (Dig, driven, bored or drilled)

Equipment used: Lathed (Chisel drill, rotary or other)

Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

{ ] Other [ ] Garden/Lawn [ ]

*Describe USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. lot, block and addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size of Drain (in)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 in</td>
<td>4 in</td>
<td>Top</td>
<td>200.0</td>
<td>Drilled 1/4 in</td>
</tr>
<tr>
<td>PVC</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 40.0 ft.*

Pumping water level: 180.0 ft.*

at 100 gallons per minute, measured 10 minutes after pumping began.

*Measured from ground level.

Well developed by: for 200 hours.

Power: 1/2 HP Pump

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: Barbara C. Agnette

Driller's Address: 203 Sixth St. Havre

Receiving Filing: LICENSE NO. 217

Show exact depth of bottom: 200.0
STATE OF MONTANA
County of Big Horn

The within instrument was filed in my office at Hardin, Montana, this
8th day of January A.D. 1973

Joyce Sharp
County Recorder

[Signature]
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Pedding, J. P. &amp; Stella B.</td>
<td>Geos 4</td>
<td>2016293</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Fox, Marty E.</td>
<td>Geos 4</td>
<td>2016175</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Fox, Marty F.</td>
<td>Geos 2</td>
<td>223972</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Westmoreland Resources</td>
<td>Geos 3</td>
<td>240536</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Westmoreland Resources</td>
<td>Geos 3</td>
<td>240537</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Mackev, M. J.</td>
<td>Geos 4</td>
<td>221672</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Mackev, M. J.</td>
<td>Geos 4</td>
<td>201673</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Davidson Cattle, Co.</td>
<td>Geos 3</td>
<td>239001</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Davidson Cattle, Co.</td>
<td>Geos 3</td>
<td>233579</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

I, [Name of Appropriator], of [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

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

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 used for irrigation]

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: [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
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this

DEC 26 1963 day of

A.D. 19

at 10:20 o'clock A.M.

[Signature]
County Recorder

By [Signature] Deputy
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator: [Name of Appropriator]
   Address: [Address]
   County of: [County of Appropriator]
   State of: [State of Appropriator]

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

2. The beneficial use on which the claim is based: [Description of Beneficial Use]

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

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

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: [Irrigation Details]

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

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

8. The depth of water table: [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: [Well Specifications]

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

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

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: [Additional 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.
The within instrument was filed in my office at Hardin, Montana, this 19th day of December, 1963, at 2:30 o'clock P.M.

[Signature]

County Recorder

[Signature]

Deputy

STATE OF MONTANA
County of Big Horn

[Stamp]
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: 
Address: 

Driller: 
Address: 

Date of Notice of Appropriation: Oct 7, 1962
Date of Notice of Appropriation: Oct 13, 1962
Date of Completion: Sept 13, 1962

Type of Well: Drilled
Equipment used: Chum drill

Water use: Domestic □ Municipal □ Stock X 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 Bits</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 20.7 feet
Shut-in pressure for flowing well
Pumping Water Level at 2 gal. per minute.
Discharge in gal. per min. of flowing well

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

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, six copies to be retained by driller.

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

Driller’s License Number

Driller’s Signature

44,673
STATE OF MONTANA

County of Big Horn

The within instrument was filed.
In my office at Hardin, Montana, this

10th day of
October, A.D. 1965
at 2 o'clock P.M.

[Signature]

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

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

Owner: Montana Land Resources
Address: Box 440, Hardin, Montana 59034

File: GW 1

Date Started: June 1, 1973
Date Completed: 6/02

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.).
   Natural spring

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

3. Depth of water table.
   Surface

4. Use of the water.
   Stockwater

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

6. If used for irrigation, give number of acres and description of land.

7. Estimate amount of water used each year.
   100,000 gallons

8. Months of year spring flows.
   12

Signature of Owner: Mathew A. Judice
Date: June 28, 1973
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1942

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

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

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

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

Owner: Mastmorland Resources
Address: Box 449, Hardin, Montana 59034
Contractor (if any).
Address of Contractor.
Date Started Date Completed

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)

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

3. Depth of water table

4. Use of the water

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

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year gallons

8. Months of year spring flows

Signature of Owner

Date

File 9765

GW 1 1973

For Administrator's Use

file

Owner

Address

Contractor

Address of Contractor

Date Started

Date Completed

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) natural spring

2. Means of withdrawing water (gravity, pump, canal, etc.) gravity flow

3. Depth of water table at surface

4. Use of the water stockwater

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

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year 100,000 gallons

8. Months of year spring flows 12

Signature of Owner

Date July 28, 1973

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE. Elevation of spring, if known or estimated 3615.
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

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

Owner: Westmoreland Resources
Address: Box 449, Hardin, Montana 59034
Contractor (if any) 
Address of Contractor 
Date Started 
Date Completed

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) 

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

3. Depth of water table 

4. Use of the water 

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

6. If used for irrigation, give number of acres and description of land 

7. Estimate amount of water used each year 

8. Months of year spring flows 

Signature of Owner 
Date 

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated 

For Administrator's Use

File

Date

County, Big Horn

STATE OF MONTANA
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

For Administrator's Use
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

G. D. MacLean
Box 394
Hardin, Montana

County of Big Horn
Address
(Town)

I, G. D. MacLean, the owner, 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

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

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:

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

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: 325 ft of pipe

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: 325 ft of pipe

10. The estimated amount of groundwater withdrawn each year: Several 1000's

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: G. D. MacLean
Date: 12/31/43

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 Big Horn

The within instrument was filed
in my office at Hardin, Montana, this

21

A.D. 19__

3:46

P.M.

County Recorder

Deputy
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**G. D. Maclean**, of **Box 396** Hardin

<table>
<thead>
<tr>
<th>County of</th>
<th>State of</th>
</tr>
</thead>
<tbody>
<tr>
<td>Big Horn</td>
<td>Mont</td>
</tr>
</tbody>
</table>

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

1. **Stockwater**

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:

   - **1944**
   - **Intermittent**

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

   - **6 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.

   - X

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

   - **Gas Engine & Pump Jack**

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

   - **1949**

8. The depth of water table:

   - **100**

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

   - **110 ft. of pipe**

10. The estimated amount of groundwater withdrawn each year:

    - **Several 1000's**

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:

   - X

   **Signature of Owner**: G. D. Maclean

   **Date**: 12/31/63

---

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriate.
STATE OF MONTANA
County of Big Horn ss.
The within instrument was filed in my office at Hardin, Montana, this 31st day of Dec., A.D. 1965 at 3:47 o'clock P.M.

Karye Cadd County Recorder

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

**Owner:** Davidson & Co.

**Address:** Big Horn, Mont.

**File No.:** 329.091

**Date well started:** App. 1942

**Completed:** App. 1943

**Type of well:** Driven

**Equipment used:** Cable Tool

**Water Use:** Domestic □  Municipal □  Stock □  Irrigation □

**Industrial □  Drainage □  Other □  Garden/Lawn □

*Describe gallons/min. 150' deep. Made action*

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:** 60,000 Gal.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Pipe</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>4&quot;</td>
<td>Surf. (Feet)</td>
<td>150'</td>
<td></td>
</tr>
<tr>
<td>Plastic</td>
<td></td>
<td></td>
<td>bottom</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5/8&quot;</td>
<td></td>
<td>130'</td>
<td>150'</td>
</tr>
</tbody>
</table>

**Static water level:** 5.0 ft.

**Pumping water level:** 2.0 ft.

*Measured from ground level. Measured in gallons per minute; measured 10 minutes after pumping began.

**Well developed by:** for ________ hours.

**Power:** 5/8" Pump...6... HP

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

**Date well started:** App. 1942

**Completed:** App. 1943

**Type of well:** Driven

**Equipment used:** Cable Tool

**Water Use:** Domestic □  Municipal □  Stock □  Irrigation □

**Industrial □  Drainage □  Other □  Garden/Lawn □

**Describe gallons/min. 150' deep. Made action**

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

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

**Drillers Signature:**

**Drafter's Signature:**

**Drillers Address:** Big Horn, Montana

**License No.:** 50.369

Show exact depth of bottom.
STATE OF MONTANA
County of Big Horn

The within instrument was filed in my office at Hardin, Montana, this

FEB 2 1973            A.D. 19

at __________ o'clock __. M.

George Lipsett
County Recorder

Dusty Jones
Deputy

239001
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

G. D. Maclean of Box 396, Hardin

County of Big Horn State of Mont.

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

2. The beneficial use on which the claim is based

Stock water

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

1947 intermittent

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

6.6 pm

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

Gas engine & pump jack

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

110 ft of pipe

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

Steel casing 110 ft of 1 1/4 pipe

10. The estimated amount of groundwater withdrawn each year

Several 1000's

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

X

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

X

Signature of Owner: G. D. Maclean
Date: 1/3/13

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 Big Horn

The within instrument was filed in my office at Hardin, Montana, this 31st day of Dec., A.D. 1943, at 3:45 o'clock p.m.

[Signature]
County Recorder

[Signature]
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1963
(Under Chapter 237, Montana Session Laws, 1961, as amended)

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

For Administrator's Use

Owner: Davidson Cattle Co.
Address: Bighorn, Mont.
Contractor (if any): Kunz Const. Co.
Address of Contractor: Hardin, Mont.
Date Started: Aug. 19, 1966, Date Completed: Aug. 17, 1966

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)
   Develop spring for stock water, used drain tile & plastic pipe

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

3. Depth of water table
   8 ft. 14 ft.

4. Use of the water
   Stock water

5. Amount of groundwater claimed (in miner's inches or gallons per minute)
   2 ft. 5 gallons per minute, Seasonal

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year
   2 ft. 5 gallons per minute

8. Months of year spring flows
   13

Signature of Owner: Davidson Cattle Co.
Date: Sept. 21, 1971
STATE OF MONTANA
County of Big Horn, ss.
The within instrument was filed in my office at Hardin, Montana, the 3rd day of September, 1971, A.D.

3:00 p.m.

[Signature]
County Recorder
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Case, Harold L.</td>
<td>GW4</td>
<td>204322</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Case, Harold L.</td>
<td>GW4</td>
<td>204322</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Maxson, Gordon D.</td>
<td>GW4</td>
<td>206948</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>MacLean, Gordon D.</td>
<td>GW4</td>
<td>206149</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>MacLean, Gordon D.</td>
<td>GW4</td>
<td>204670</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Davidson Cattle Co.</td>
<td>GW2</td>
<td>230999</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Davidson Cattle Co.</td>
<td>GW2</td>
<td>230999</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Davidson Cattle Co.</td>
<td>GW2</td>
<td>239929</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Davidson Cattle Co.</td>
<td>GW2</td>
<td>239929</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Sloan, Stanley</td>
<td>Well Log</td>
<td>163977</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Ashland Lumber</td>
<td>GW4</td>
<td>119314</td>
<td></td>
</tr>
</tbody>
</table>
**WATER WELL LOG**

**Owner:** Stanley Sloan  
**Address:** Faison, Mont.

**Driller:** Charles Turner  
**Address:**

**Date Started:** May 16, 1955  
**Date Completed:** May 17, 1955

**Location:** Sec. 4 T. 1 R. 29 1/4 sec. 8 N W. 1/4 (NE. 1 SW. 1)

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Churn</td>
</tr>
</tbody>
</table>

**Water use:** Domestic [ ]  
Municipal [ ]  
Stock [X]  
Irrigation [ ]

**Industrial** [ ]  
Drainage [ ]  
Other: [ ]

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0' ft. to 8'4' ft.</td>
<td>Type 20.9 x 2.5</td>
<td>6'</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
</table>

**Perforated or Screened:** Ft. 24' to Ft. 115'  

**Type of screen or perforations:**

**Static Water level, for non-flowing well:** 60'

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

**Pumping water level:** feet at (date) 23 gal. per min.

**How tested:**

**Length of test:**

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

---

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 10</td>
<td>Clay</td>
</tr>
<tr>
<td>12 - 20</td>
<td>Sand Rock</td>
</tr>
<tr>
<td>20 - 35</td>
<td>Shale</td>
</tr>
<tr>
<td>35 - 40</td>
<td>Clay</td>
</tr>
<tr>
<td>40 - 115</td>
<td>Sand rock and water</td>
</tr>
</tbody>
</table>
Forrest L. Case, of Hysham
County of Big-Horn, 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 well

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

Oct. 1954 and continuous

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

5 gallons per minute

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

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

Windmill and pump

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

Oct. 1954

8. The depth of water table

100 feet

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

None other at this time

10. The estimated amount of groundwater withdrawn each year

360,000 gallons

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

None 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 other information available

Signature of Owner: Forrest L. Case
Date: Dec. 26, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

### Declaration of Vested Groundwater Rights

**Big Horn County, State of Montana**

I, [Appropriator's Name], have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

- **1.** County of Big Horn
- **2.** State of Montana

<table>
<thead>
<tr>
<th>Diagram of Groundwater</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>- Stock Water Well</td>
<td></td>
</tr>
<tr>
<td>- 5 Gallons per minute</td>
<td></td>
</tr>
<tr>
<td>- Not used for irrigation</td>
<td></td>
</tr>
<tr>
<td>- Pump and motor</td>
<td></td>
</tr>
<tr>
<td>- None available</td>
<td></td>
</tr>
<tr>
<td>- 65 feet</td>
<td></td>
</tr>
<tr>
<td>- None at this time</td>
<td></td>
</tr>
<tr>
<td>- 216,000 gallons</td>
<td></td>
</tr>
</tbody>
</table>

### Details

- **Appropriator's Name:** [Appropriator's Name]
- **Address:** [Address]
- **Month and Day of Claim:** January 1, 1962
- **Town:** [Town]
- **City:** [City]
- **State:** Montana

### Other Information

- **Signature of Owner:** [Signature]
- **Date:** December 26, 1963

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator \\
   Address \\
   Town \\
   County of \\
   State of \\

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

<table>
<thead>
<tr>
<th>N</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1964)

1. Gordon D. MacLean of Box 396, Hardin
   (Name of Appropriator) (Address) (Town)
   County of Big Horn, State of Mont.

   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: Intermitent Use

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Approximately 8 gallons

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

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

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: 220 ft. of pipe in well

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: 8 in. casing 8 in. pipe

10. The estimated amount of groundwater withdrawn each year: Varies from 0 to several 1000's

11. The type of formations encountered in the 15 ft. 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: Gordon D. MacLean
   Date: 12/31/43

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 Quadripllicate 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. G. D. MacLean, of Box 376, Hardin

(Author's Address)

County of Big Horn, 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

1955

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

6 gpm

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


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

Cass. Engine & Pump Jack

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

1955

8. The depth of water table

175 pipe

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

2 in. casing

1/2 pipe

10. The estimated amount of groundwater withdrawn each year

1,000

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: G. D. MacLean
Date: 1/31/63

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriate.
STATE OF MONTANA

County of Big Horn

The within instrument was filed in my office at Haran, Montana, this 31 day of
Dec. A.D. 1962
at 3:47 o'clock P.M.

County Recorder

Deputy
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 Statutes, 1961, as amended)

This form to be prepared by owner 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 Davidson Castle Co.
Address Big Horn, Mont. File 23892

Date well started Aug. 1942
complete d Sept. 2

Type of well Dug

Equipment used Rotary

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

*Describe 180 ft. Plate Casing

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 125,000 gal.

<table>
<thead>
<tr>
<th>Size of Defined Area</th>
<th>Size and Weight of Casing</th>
<th>Top (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4' Plate 0</td>
<td>180</td>
<td>140</td>
<td>140</td>
</tr>
</tbody>
</table>

Static water level 140 ft.
Pumping water level 140 ft.
at 500 gallons per minute,
measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by James for 1.5 hours.
Power: Electric Pump 1 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

License No. 52380

Driller's Address Big Horn, Mont.

Show exact depth of bottom

LICENSE NO.

COUNTY: Big Horn

DRILLER

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

OWNER: Davidson Castle Co.

Owner's Signature: Day

Indication: Completion, Date

Driller's Address: Big Horn, Mont.
STATE OF MONTANA
County of Big Horn

The within instrument was filed in my office at Hardin, Montana, this

FEB 2 1973 A.D. 19

10:25 AM

SAGE LIEBRECHT
County Recorder

By: SHERWIN JONES, Deputy
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: Davidson Cattle Co
Address: Richland, Mont.
File No.: 239008

Date well started: Feb. 7, 1973
Well type: GW 1...10.45. A, 1.

Type of well: Drilled
Equipment used: CHAIN TOOLS

Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

*Describe use: 170. Deep. 4 gal/min.

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>Size of Drilled Hole</th>
<th>Size of Perforation</th>
<th>Type of Use</th>
<th>Diameter of Perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size of Perforation</th>
<th>Type of Use</th>
<th>Diameter of Perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Top of Ground (Elev. above sea level)

<table>
<thead>
<tr>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 120 ft.
Pumping water level: 140 ft.
at 15 gpm; 30 minutes after pumping began.

*Measured from ground level.
Well developed by water level: 12
for: 30 minutes.
Power: ELECTRIC Pump: 1 HP

Remarks: (Gravel packing, cementing, packers, type of shutoff) Generalized set to 1,200 ft. Gravity shutoff...

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

Each small square represents 40 acres.

Show exact depth of bottom

LICENSE NO.

52.284
STATE OF MONTANA
County of Big Horn

The within instrument was filed in my office at Hardin, Montana, this

FEB 2, 1973 A.D. 19

at 10:45 o'clock A.M.

JAYNE LIVESTRAY
County Recorder

RECEIVED
FEB 8, 1973

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

1. G. D. MacLean, of Box 396, Hardin, Big Horn 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: Stock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1928 (2nd - 1960)

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 6.5 GPM

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1928 (2nd), 1960

8. The depth of water table: 120 ft, 120 ft

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

10. The estimated amount of groundwater withdrawn each year: Both wells in the thousands

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: G. D. MacLean
Date: 2/21/63

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 School of Mines and Quadruplicate for the Appropriator.)
STATE OF MONTANA
County of Big Horn

The within instrument was filed
In my office at Hardin, Montana, this
__ day of
__ A.D. 19__
at __ o'clock ___ M.

[Signature]
County Recorder
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

Owner: [Name]
Address: [Address]

Date well started: 1962-02-28
completed: 1962-08

Type of well: Dug
Equipment used: Churn drill

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

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Drilling</th>
<th>Depth of Drilling</th>
<th>Bored Or Drilled</th>
<th>Est. Annual Withdrawal</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td></td>
<td>0</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 50 ft
Pumping water level: 50 ft
Shallow water level: 50 ft

Well developed by: [Name]
for: 0 hours.
Power source: 6 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: [Signature]
Driller's Address: [Address]

LICENSE NO: 150
Show exact depth of bottom

52, 383
STATE OF MONTANA
County of Big Horn

The within instrument was filed in my office at Hardin, Montana, the

FEB. 2, 1973 A.D. 19
at

o'clock A.M.

County Recorder

Deputy County Recorder
**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.

<table>
<thead>
<tr>
<th>Owner</th>
<th>Davidson, Carter C.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Big Horn, Mont.</td>
</tr>
<tr>
<td>File</td>
<td>138778</td>
</tr>
</tbody>
</table>

Date well started: 1962 Jan 8
Completed: 1962 Dec 30

Type of well: Cattle well (C, D, G, Q, T, U, V, W)

Equipment used: Cattle well (C, D, G, Q, T, U, V, W)

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

*Describe*

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

| ESTIMATED ANNUAL WITHDRAWAL | 55,000

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Size and Weight of Casing</th>
<th>Size (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>4</td>
<td>0</td>
<td>25</td>
<td></td>
</tr>
</tbody>
</table>

Static water level 60 ft.
Pumping water level 52 ft.

*Measured from ground level.

Well developed by ________

for __________ hours.

Power: ________ Pump: ________ HP

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

Cased (Q, T, U, W)

Show exact depth of bottom

License No. 30

Show exact depth of bottom

Date: [Redacted]

Driller’s Address

Driller’s Signature

LICENSE NO. 30

[Redacted]
STATE OF MONTANA
County of Big Horn

The within instrument was filed in my office at Hardin, Montana, this 2nd day of Februa

FEB 2, 1973 A.D. 19
at 11:35 o'clock A.M.

[Signature]
County Recorder

[Signature]
County Clerk
STATE OF MONTANA
ADMINSNSTRATOR 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: David R. Carroll
Address: Lichardus, Mont.

Date well started: 1962 Aug

Completed: 1963 Aug

Type of well: Gravel

Equipment used: Rotary drill

Water Use: Domestic X, Municipal X, Stock X, Irrigation X

Industria x, Drainage X, Other X, Garden/Lawn X

Describe: 150 ft deep

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, etc.)

Estimated Annual Withdrawal: 500,000

Top of Ground

----

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Well developed by: Snee.

Power Source: 2 HP

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

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

Each small square represents 40 acres.

Driller's Signature: 2.2.1964

Driller's Address:

License No: 23897

County: Richland

Show exact depth of bottom

52.381
STATE of MONTANA
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this
____, ______, ______ day of

FEB. 2, 1971, F. D. 19, ______
at 10 30 a.m.

[Signature]
[Signature]

Secretary
Recorder
empty folders
were always
empty