STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

I, William C. Alderson, of Big Horn,

County of Johnson, 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
   
   Stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   
   1950

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   
   2 gals 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
   
   Harder at site

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
   
   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

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
   
   180 ft

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

Date: Dec 29, 1943

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 30 1983 day of

A.D. 19

at 2:10 o'clock P.M.

Harry E. Coz
County Recorder

Deput
STATE OF MONTANA

DRILLER'S LOG

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: Westmoreland Resources
Address: Box 449
Hardin, Montana 59034

Date well started: GW 1 6:29 P.M.
Completed: 1957

Type of well: drilled
Equipment used: clam 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: 100,000 gallons

<table>
<thead>
<tr>
<th>Size of Pipe (Feet)</th>
<th>Size and Length of Casing (Feet)</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: 8 ft.
Pumping water level: 50 ft.

at 50 gallons per minute, measured 30 minutes after pumping began.

*Measured from ground level.

Well developed by: electric pump
Power: electric

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

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

Each small square represents 40 acres.

Joe Lemasters
Driller's Signature

Driller's Address: Not Known

LICENSE NO: 54554

Show exact depth of bottom: 22 ft.
ATT. OF MOUNTAIN & BL.
County of Big Horn & Bl.
The within instrument was file
in my office at Hardin, Montana, this

[signature]

A.D. 18__

County Recorder

[Signature]
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.

<table>
<thead>
<tr>
<th>For Administrator's Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>File: 24559</td>
</tr>
<tr>
<td>Year: 1978</td>
</tr>
<tr>
<td>GW 1: 4:00 p.m.</td>
</tr>
</tbody>
</table>

| Owner: Westmoreland Resources |
| Address: Box 449, Hardin, Montana 59034 |

<table>
<thead>
<tr>
<th>Contractor (if any)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address of Contractor</td>
</tr>
<tr>
<td>Date Started:</td>
</tr>
<tr>
<td>Date Completed:</td>
</tr>
</tbody>
</table>

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

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

3. Depth of water table
   **at surface**

4. Use of the water
   **stockwater, sub-irrigation**

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

6. If used for irrigation, give number of acres and description of land
   **sub-irrigation affects grazing land down to and along Middle Fork of Sarpy Creek in SE 1/4 of Sec. 3-11N-37E; 100 acres**

7. Estimate amount of water used each year
   **2,628,000 gallons per year**

8. Months of year spring flows
   **12**

Signature of Owner

Date

Elevation of spring, if known or estimated

**3430**

Indicate point of appropriation and place of use, if possible.
<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>Alderson, William</td>
<td>Cow 3</td>
<td>206453</td>
<td></td>
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<tr>
<td>5</td>
<td>Alderson, William</td>
<td>Cow 4</td>
<td>206421</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Redding, J P Villa A</td>
<td>Cow 4</td>
<td>204290</td>
<td></td>
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<tr>
<td>19</td>
<td>Redding, J P Villa A</td>
<td>Cow 2</td>
<td>204297</td>
<td></td>
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<tr>
<td>20</td>
<td>Rayhill, Jim</td>
<td>Cow 1</td>
<td>204512</td>
<td></td>
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<tr>
<td>21</td>
<td>Redding, J P Villa A</td>
<td>Cow 4</td>
<td>204292</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Redding, J P Villa A</td>
<td>Cow 4</td>
<td>204293</td>
<td></td>
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<tr>
<td>24</td>
<td>Duckman, Cecil</td>
<td>Cow 3</td>
<td>204350</td>
<td></td>
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<tr>
<td>25</td>
<td>Cooper, Ernest</td>
<td>Cow 4</td>
<td>204350</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Redding, J P Villa A</td>
<td>Cow 4</td>
<td>204294</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Redding, J P Villa A</td>
<td>Cow 3</td>
<td>204295</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Redding, J P Villa A</td>
<td>Cow 4</td>
<td>204296</td>
<td></td>
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<tr>
<td>29</td>
<td>Redding, J P Villa A</td>
<td>Cow 4</td>
<td>204297</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Redding, J P Villa A</td>
<td>Cow 3</td>
<td>204298</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Redding, J P Villa A</td>
<td>Cow 3</td>
<td>204299</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Redding, J P Villa A</td>
<td>Cow 3</td>
<td>204300</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Cooper, Edna</td>
<td>Cow 2</td>
<td>204311</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Varner, Anna</td>
<td>Cow 1</td>
<td>204312</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Cooper, Edna</td>
<td>Cow 2</td>
<td>204280</td>
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<tr>
<td>30</td>
<td>Cooper, Edna</td>
<td>Cow 3</td>
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<td></td>
</tr>
<tr>
<td>30</td>
<td>Cooper, Edna</td>
<td>Cow 4</td>
<td>204282</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Cooper, Edna</td>
<td>Cow 5</td>
<td>204283</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Cooper, Edna</td>
<td>Cow 6</td>
<td>204284</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Cooper, Edna</td>
<td>Cow 7</td>
<td>204285</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Varner, Anna</td>
<td>Cow 2</td>
<td>204311</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Varner, Anna</td>
<td>Cow 3</td>
<td>204312</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Varner, Anna</td>
<td>Cow 4</td>
<td>204313</td>
<td></td>
</tr>
</tbody>
</table>
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: Dec 29, 1963
Owner: William O. Chuklenko
Address: Big Horn, Wyo

Contractor (if any): Self
Address of Contractor: 

Date Started: Jan 6, 1964
Date Completed: Jul 14, 1964

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

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:

- 1/2 gals per min - fed
- into stock tank

Signature of Owner: William O. Chuklenko
Date: Dec 29, 1963

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

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

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

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

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

DEC 5 0 1962  day of
A.D. 19

at 2:10 o'clock P.M.

Walter E. Cole
County Recorder

By Ruby Sharp, Deputy
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

William C. Alderson
(Name of Appropriator)
County of ____________
State of ____________

I, the undersigned, do hereby declare and state that I have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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
County of Big Horn
The within instrument was filed,
In my office at Hardin, Montana, this
DEC 9 1963, day of
A.D. 19
at 2:15 o'clock P.M.

Harry E. Cole
County Recorder
By, 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: Westernland Resources
Address: Box 449
Hardin, Montana 59034

Date well started: 1954
Completed: 1954

Type of well: Drilled
Equipment used: Churn drill
Water Use: Stock

*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: 200,000 gallons

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Depth (feet)</td>
</tr>
</tbody>
</table>

Static water level: 19 feet
Pumping water level: 14 feet at 100 gallons per minute, measured 3 minutes after pumping began.

*Measured from ground level.
Well developed by hand pump for hours.
Power: Hand Pump
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature: Henry Kay
Driller's Address: Not known

LICENSE NO.: 160

Show exact depth of bottom: 545'6"
STATE OF MONTANA
County of Big Horn ss.

The within instrument was filed in my office at Hardin, Montana, the
JUN 26, 1975 day of

A.D. 19

At H: 23 o'clock M.

[Signature]

County Recorder
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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

<table>
<thead>
<tr>
<th>For Administrator's Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner: Westmoreland Resources</td>
</tr>
<tr>
<td>Address: Box 449, Hardin, Montana 59034</td>
</tr>
<tr>
<td>Contractor (if any)</td>
</tr>
<tr>
<td>Address of Contractor</td>
</tr>
<tr>
<td>Date Started</td>
</tr>
</tbody>
</table>

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) two gallons per minute

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

7. Estimate amount of water used each year 150,000 gallons

8. Months of year spring flows 12

Signature of Owner: Matthew S. Tucker
Date: June 28, 1973
State of Montana

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.

<table>
<thead>
<tr>
<th>For Administrator's Use</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>File</td>
<td>240548</td>
</tr>
<tr>
<td>Date Started</td>
<td>Jan 27, 62</td>
</tr>
<tr>
<td>Date Completed</td>
<td>1/1/62</td>
</tr>
</tbody>
</table>

1. Describe means of obtaining groundwater (as by sub irrigation, developed spring, drain, 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):
   - **two gallons per minute**

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

7. Estimate amount of water used each year:
   - **160,000 gallons**

8. Months of year spring flows:
   - **12**

Signature of Owner:

*Matthew L. Cudde*

Date:

*June 28, 1973*
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

J. T. and Viola C. Redding, of Lapcy, Big Horn County, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. NAME: J. T. and Viola C. Redding
   ADDRESS: Lapcy
   TOWN: Big Horn
   COUNTY: Big Horn
   STATE: Montana

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

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

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

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: gravity

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

8. The depth of water table: 20 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: 20 ft deep

10. The estimated amount of groundwater withdrawn each year: 138.466 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: Viola C. Redding
   Date: Dec. 24, 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 Approporator.
STATE OF MONTANA \\
County of Big Horn \\
The within instrument was filed \\
in my office at Hardin, Montana, this \\
DEC 2, 1959, day of \\
A.D. 19 \\

at 10:10 o'clock A.M. \\

[Signature]

County Recorder

By: [Signature] Deputy
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vella B. Reading</td>
<td>Highwood, Mont.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>Highwood, Mont.</td>
</tr>
</tbody>
</table>

Date of Notice of Appropriation of Groundwater: Oct. 27, 1963
Date well started: Oct. 27, 1963

Type of well: \( \text{Churn, drill, rotary or other} \)
Equipment Used: \( \text{Other} \)

Water Use: Domestic \( \square \) Municipal \( \square \) Other \( \square \) Irrigation \( \square \)
Industrial \( \square \) Drainage \( \square \) Stock \( \square \)

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot; 6&quot;</td>
<td>&quot; 9&quot; * 4&quot;</td>
<td>0'</td>
<td>115'</td>
<td>Shaped bottom 10' of 4&quot; casing</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 10' 25" feet.
Shut-in Pressure for flowing Well:...

Pumping Water Level: 20 feet at 50 gal. per minute.

Discharge in gal. per min. of flowing well:...

How Tested: Day Length of Test: 1 day.

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

None

Driller's License Number
Driller's Signature

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

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

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

County of Big Horn

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

2d day of

June

A.D. 1968

11:35 o'clock A.M.

Harry C. Coe

County Recorder

by

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

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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

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

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

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; Quadruplicate for the Appropriator.
STATE OF MONTANA

County of Big Horn

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

DECEMBER 9, 1983
day of

A.D. 19

at 9:30 o'clock A.M.

Glenn E. Cole
County Recorder

By Dedric Dennis, Deput
<p>| | | | | |</p>
<table>
<thead>
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</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)

J. T. and Helen D. Bedding of Lucky B.,
County of Meagher, 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: J. T. Bedding
Date: Dec. 26, 1965

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

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

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

File No.__________________

STATE OF MONTANA
County of Big Horn ss.
The within instrument was filed
in my office at Hardin, Montana, this
DEC 2 5 1969 day of
A. D. 19
at 11:20 o'clock A.M.

By: County Recorder

By: Deputy
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

J. T. and Valene P. Redding, a Saggy Rd.
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

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)
   Wells 5 gallons for each
   Springs 10 gallons for each

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
   Spring - Gravity
   Well - Jet Pump

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
   Wells 12 ft.
   Springs 6 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   Wells drilled 100 ft. in 8 inch casing
   Springs undrilled

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: J. T. Redding
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 Appropriate.
STATE OF MONTANA
County of Big Horn

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

BIG HORN

A.D. 19

at 10:05 o'clock A.M.

[Signature]

County Recorder

[Signature]
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater - July 30, 1955
Owner - Cecil C. Ryckman, Address - Sarpy area, Rycoh, Mont.
Contractor (if any) - Stephen Henry
Address of Contractor - Hardin, Montana
Date Started - July 30
Date Completed - Aug. 2, 1955
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.
Cleaned out or dug by dragline
four feet of earth removed from top of soapstone
where a crack in the bottom let water come up
to surface.

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

Signature of Owner - Cecil C. Ryckman
Date - December 5th, 1962

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 Appropiator.
STATE OF MONTANA
County of Big Horn

The within instrument was filed in my office at Hardin, Montana, this 10th day of Jan, 1983, A.D. 19...

11:15 o'clock A.M.

Harry E. Cox
County Recorder

By: Ruby J. Sample, Deputy
File No. 

DUPLICATE

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Forrest L. Bass

County of Big Horn

State of Montana

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

1. Forrest L. Bass

   (Name of Appropriator)

   (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 well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Aug 1957 and used eight months per year since

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 Aug 1957

8. The depth of water table 225 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 218,000 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

   No other information available

Signature of Owner Forrest L. Bass

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.
STATE OF MONTANA
County of Big Horn ss.
The within instrument was filed
in my office at Hardin, Montana, this

DEC 7 1983 day of

A.D. 19

at 11:30 o'clock a.m.

Harry E. Cox
County Recorder
By: John Smith Deput
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)  
   (Address)  
   (Town)  
   County of  
   State of  

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:  
   One well - 1.5 gpm  
   One well - 1953
   Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute):  
   One well - 7 gallons  
   One well - 10 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:  
   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:  
   Pump

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

8. The depth of water table:  
   Depth for each 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:  
   One well - 54 ft deep, 9 inch casing  
   One well - 56 ft deep, 9 inch casing

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

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

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

Signature of Owner:  

Date: 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 Appropriorator.
STATE OF MONTANA
County of Big Horn

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

DEC 26 1965
day of

A.D. 19

at 11:20 o'clock A.M.

Henry C. Cox
County Recorder

By:  L. D. Desuh
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 59044

Contractor (if any):
Address of Contractor:

Date Started: Date Completed:

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

   Developed spring with reservoir

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

   Gravity flow

3. Depth of water table

   At surface

4. Use of the water

   Stockwater, sub-irrigation

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

   Sub-irrigation affects 50 acres below reservoir

7. Estimate amount of water used each year

   150,000

8. Months of year spring flows

   12

---

Signature of Owner: [Signature]
Date: June 28, 1973
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 59044

Contractor (if any) ____________________________

Address of Contractor ____________________________

Date Started ____________________________ Date Completed ____________________________

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drain, etc.) natural spring with constructed reservoir

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

3. Depth of water table at surface

4. Use of the water stockwater and sub-irrigation

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 sub-irrigation affects 10 acres below reservoir

7. Estimate amount of water used each year 150,000 gallons

8. Months of year spring flows 12

Signature of Owner ____________________________

Date June 28, 1973
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

J. T. and Vera C. Redding of Lewistown, Hyalite
County of Big Horn, State of Montana

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

1. Name of Appropriator
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: J. T. Redding

Date: Dec. 2, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA  ss.
County of Big Horn ss.
The within instrument was filed in my office at Hardin, Montana, this
DEC 26 1963 day of
A.D. 19
at 10:28 o'clock A.M.,

[Signature]
County Recorder

[Signature]
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Owner: L. T. Redding
Address: Hysham, Montana

Driller: Same
Address: Hysham, Montana

Date of Notice of appropriation of groundwater: October 1
Date well started: October 1
Date completed: October 2

Type of well: bored
Equipment used: other

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

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

<table>
<thead>
<tr>
<th>Size of Drill Hole</th>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot; x 2&quot;</td>
<td>1/2 inch gauge</td>
<td>0</td>
<td>16</td>
<td>1&quot; x 10&quot;</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well...
Shut-in Pressure for flowing well...
Pumping Water Level...

Discharge in gal. per min. of flowing well...

How Tested...
Length of Test...

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

SWING: 1/2 Sec. 29 T. 13N. R. 68W.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Show exact depth of bottom.

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

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

Driller's License Number:

Driller's Signature:

44, 718
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: Managed Resources
Address: Box 449
Hardin, Montana 59034

Date well started: 1981
Completed: 1989

Type of well: Drilled
Equipment used: Chum drill

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

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: 200,000

Indicate Location of Well and Place of Use, if possible. Each small square represents 40 acres.

Driller's Signature: Henry Kray
Driller's Address: Not Known

LICENSE NO: 60

Show exact depth of bottom: 54563
County of Big Horn

The within instrument was filed in my office at Hardin, Montana, the JUN 28 1913 day of

A.D. 19

2:22 o'clock C.M.

Jason Dupont
County Recorder

Date
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 Publications
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.) natural spring

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

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) two gallons per minute

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

7. Estimate amount of water used each year 200,000 gallons

8. Months of year spring flows 12

Signature of Owner: ____________________________ Date: June 26, 1973
Count of Big Horn

The within instrument was filed in my office at Hardin, Montana, the 28th day of May, 1973.

A. D. 1973

Recorder

County of Big Horn

in my office at Hardin, Montana, the

ya 28, 1973
Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

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

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

Three copies of this notice shall 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 59045

Contractor (if any):
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)
   - two gallons per minute

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

7. Estimate amount of water used each year
   - 150,000 gallons
     - 150,000 gallons

8. Months of year spring flows
   - 12

Signature of Owner: Matthews J. Stoffer
Date: June 28, 1973

For Administrator's Use

File: 146-477

County: Big Horn

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated: 3480
The within instrument was filed in my office at Hardin, Montana, the 28th day of July, 1917.

John A. Combs
County Recorder of County of Big Horn, Montana

[Signature]

A.D. 1917

[Notary Seal]
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL DEVELOPMENT AFTER JANUARY 1, 1961

This form is 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.

<table>
<thead>
<tr>
<th>For Administrator's Use</th>
<th>Owner</th>
<th>Address</th>
<th>Address of Contractor</th>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>File: 260 261</td>
<td>June 25, 1973</td>
<td>[Redacted]</td>
<td>[Redacted]</td>
<td>[Redacted]</td>
<td>[Redacted]</td>
</tr>
</tbody>
</table>

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) 20 gal. Per minute

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

7. Estimate amount of water used each year 20 gal. Per minute

8. Months of year spring flows

Signature of Owner: [Redacted]

Date: June 25, 1973
STATE OF MONTANA
County of Big Horn

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

JUN 25 1973 A.D. 19
at 2:00 o'clock P.M.

Jasen Lippert
County Recorder

[Signature]

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

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

LEINAR E. HEINANEN
of SARDY ROUTE HYSHUN
(Name of Appropiator) (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: Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1916

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 30 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 Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1916

8. The depth of water table: 180 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: 120 ft

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

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 used in carrying out the policy of this act, including reference to book and page of any county record: Unknown

Signature of Owner: LEINAR E. HEINANEN
Date: Jan. 2, 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 Appropiator.
STATE OF MONTANA
County of Big Horn

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

DEC 31 1963
day of

A.D. 19

at 3:55 o'clock P.M.

Russell F. Cal
County Recorder

By

Dep'th

206631
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

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

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

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

Owner

Address

Date well started

Completed

Type of well

Equipment used

Water Use: Domestic X Municipal Stock Irrigation

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Pipe</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>Steel</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level __________ ft.*
Pumping water level __________ ft.*
at __________ gallons per minute,
measured __________ minutes after pumping
began.
*Measured from ground level.

Well developed by __________
for __________ hours.

Power __________ Pump __________ HP

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

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

Driller's Signature

Driller's Address

License No.

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

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

JUN 25 1973 A.D. 19  

at 2:05 o'clock M.  

[Signature]  
County Recorder  

[Signature]  
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: John Brown
Address: 123 Park Ave, Big Horn, MT 59014
File No.: 54672

Date well started: January 1, 1973
Completed: January 30, 1973

Type of well: Drilled

Equipment used: (Churn drill, rotary or other)

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 Unit</th>
<th>Size and Depth</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feet</td>
<td>Feet</td>
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</tr>
</tbody>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Kind</th>
<th>Size</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
</table>

Static water level: ft.*
Pumping water level: ft.*
measured gallons per minute, minutes after pumping began.

*Measured from ground level.

Well developed by: for: hours.

Power: Pump: HP

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

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

Driller’s Signature: John Smith
Driller’s Address: 123 Main St, Big Horn, MT 59014

Show exact depth of bottom

LICENSE NO.: 54672
STATE OF MINNESOTA
COUNTY OF BIG HORN

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

day of

JUN 25 1973 A.D. 19

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.

Owner: Westmoreland Resources

Address: Box 449
Hardin, Montana 59034

Date well started: Drilled

Type of well: Not known (Dug, driven, bored or drilled)

Equipment used: 

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

*Describe □

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

ESTIMATED ANNUAL WITHDRAWAL: 200,000

<table>
<thead>
<tr>
<th>Size of Drain</th>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
<td>Kind</td>
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</table>

Static water level: 125

Pumping water level: 5 feet

at 8 gallons per minute measured 1 minutes after pumping began.

*Measured from ground level.

Well developed by: 

Power: Horse Pump: HP

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

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

Driller's Signature

Driller's Address

LICENSE NO.

Top of Ground (Enter above sea level) 275

Show exact depth of bottom

51.586
COUNTY OF BIG HORN

The within instrument was filed in my office at Hardin, Montana, the 28th day of JUN 1973, A.D. 1973, by

[Signature]

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

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

1. [Name of Approprietor]
   
   County of [County Name]
   
   State of [State Name]
   
   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 Approprietor.
STATE OF MONTANA
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this
DEC 1 0 1963
day of
A.D. 19...

at 2:25 o'clock P.M.

Mary C. Cal
County Recorder

By Robert P. Cal Deput
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: Northwestland Resources
Address: Box 449, Hardin, Montana 59034

Date well started: Not known
completed: GW 1
Type of well: drilled
Equipment used: (Churn drill, rotary)

USE: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
[ ] 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: 300,000 gallons

| Size of Drilled Hole | Size of Wells and Casing | From (Feet) | To (Feet) | PERFORATIONS
|----------------------|--------------------------|-------------|-----------|---------------------------------------------|

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<th>X</th>
<th>S</th>
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Static water level: 93 ft.*
Pumping water level: 93 ft.*
at 0.000 gallons per minute measured 0 minutes after pumping began.
*Measured from ground level.

Well developed by: Power: Electric Pump: HP

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

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

Driller's Signature: Driller not known
Driller's Address: 

License No.: ...