Notice of Completion of Groundwater Appropriation by Means of Well

(State of Montana)

Administrator of Groundwater
Office of State Engineer

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner:

Address:

Driller:

Address:

Date of Notice of Appropriation of Groundwater

Date well started

Date completed

Type of well: Drilled, Studded, Bored or other:

Equipment Used:

Churn, drill, rotary or other:

Water Use:

Domestic

Municipal

Stock

Irrigation

Industrial

Drainage

Other

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

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:

Remar:

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

This form to be prepared by driller, and three copies to be filed by 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.

Official of the County Clerk and Recorder: Duplicate to the State Engineer: Duplicate to the School of Mines and Quadruplicate for the Appropriation.
STATE OF Arkansas
County: Sebastian

I, the undersigned, do hereby certify that the writing instrument was filed for record in the
office on the 29th day of July, A.D. 1923 at 10 o'clock, A.M.

Witness: J. H. M.

By: Hedgpeth, Deputy.
<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>6</td>
<td>SHINDALL RANCH</td>
<td>GW3</td>
<td>70739</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>CLARK, MARTIN E.</td>
<td>GW3</td>
<td>70548</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>CLARK, MARTIN E.</td>
<td>GW3</td>
<td>70494</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>BURTON, ALICE E.</td>
<td>GW3</td>
<td>70810</td>
<td>Water well lines</td>
</tr>
<tr>
<td>26</td>
<td>U.S. Forest Service</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The undersigned, bound by Grant No. 7, of Helena, Montana, has appropriated groundwater according to the State of Montana in effect prior to January 1st, 1952 as follows:

Item 1. In the SW of Section 2, Township 3 North of Range 2 East, M.P.M.:

- Well drilled in 1952, 8" casing, 100 feet deep, water level maintained at 20 feet below the surface, produces 50 gallons per minute. Used by declarant for stockwater and irrigation continuously since 1952.

Item 2. In the center of Section 22, Township 3 North of Range 2 East, M.P.M.:

- Developed spring, used for stockwater and irrigation in adjacent lands continuously by declarant and predecessors since 1953, produces 150 cubic inches.

Item 3. In the SE of Section 25, Township 3 North of Range 2 East, M.P.M.:

- (3a) Drilled well 55 feet deep, 6" casing, produces 30 gallons per minute. Used for domestic purposes by declarant and predecessors since 1953.

- (3b) Drilled well in 1924, 8" casing, produces 50 gallons per minute. Used for irrigation and domestic purposes continuously since 1924.

Item 4. In Section 27, Township 3 North of Range 2 East, M.P.M.:

- (4a) A test well drilled in 1924, 5" casing, produces 50 gallons per minute. Used for irrigation and domestic purposes continuously since 1924.

- (4b) Groundwater for sub-irrigation for 60 acres used continuously by declarant and predecessors since 1953.

Item 5. Section 26, Township 3 North of Range 2 East, M.P.M.:

- Groundwater for sub-irrigation for 200 acres used continuously by declarant and predecessors since 1961.

Item 6. In Section 22, Township 3 North of Range 2 East, M.P.M.:

- Groundwater for sub-irrigation for 70 acres used continuously by declarant and predecessors since 1963.

Item 7. In Section 15, Township 3 North of Range 2 East, M.P.M.:

- Groundwater for sub-irrigation for 50 acres used continuously by declarant and predecessors since 1963.
Item 21. In sections 25, 27, 29, 31 of Townships 1, 2, 3, and 4, and sections 15, 21, 27, and 28 of Township 5, North of Range 2, West, M.F.M., Groundwater springs, maintained, developed, and used continuously by desalination and its predecessors for sub-irrigation and stock water since 1916.

Item 22. In sections 21, 23, 25, 27, and 29 of Township 3, North of Range 1, West, M.F.M., Groundwater springs, maintained, developed, and used continuously by desalination and its predecessors for sub-irrigation and stock water since 1916.

Item 23. In sections 21, 23, 25, 27, and 29 of Township 3, North of Range 1, East, M.F.M., Groundwater springs, maintained, developed, and used continuously by desalination and its predecessors for sub-irrigation and stock water since 1916.

Item 24. In sections 21, 23, 25, 27, 29, 31, and 33 of Township 4, North of Range 2, East, M.F.M., Groundwater springs, maintained, developed, and used continuously by desalination and its predecessors for sub-irrigation and stock water since 1916.

Item 25. In sections 23, 25, 27, 29, 31, and 33 of Township 4, East of Range 1, East, M.F.M., Groundwater springs, maintained, developed, and used continuously by desalination and its predecessors for sub-irrigation and stock water since 1916.

Item 26. In sections 2, 3, and 11 of Township 7, North of Range 4, East, M.F.M., Groundwater springs, maintained, developed, and used continuously by desalination and its predecessors for sub-irrigation and stock water since 1916.

Item 27. In sections 15, 17, 19, 21, and 23 and 27 and 21 of Township 12, North of Range 2, East, M.F.M., Groundwater springs, maintained, developed, and used continuously by desalination and its predecessors for sub-irrigation and stock water since 1916.
COUNTY OF MONTANA

The undersigned having first been duly sworn, depos
and says that he is of lawful age and is the president of
MNC and is the appropriator and claimant of the order and
water right mentioned in the foregoing declaration of wasted
ground water rights and the corporation whose name is subscribed
thereto, as the appropriator and claimant, that he knows the con-
tents of said foregoing notice and that the matters and things
therein stated are true.

[Signature]

Subscribed and sworn to before me, this ___ day of

[Signature]

Notary Public for the state of Montana
Resident at Helena, Montana
By Commission expires _______.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

Under Chapter 237 Montana Session Laws, 1961

Date of Appropriation of Groundwater
Owner: Shindoll Ranch Address: Townsend
Contractor (if any)
Address of Contractor
Date Started Date Completed

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

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

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

Signature of Owner: Shindoll Ranch
by: ____________________________ [Partner]
Date: 12-26-63

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

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

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

Original to the County Clerk and Recorder. Duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.
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: Natural spring.

Owner: Martin S. Clark  Address: R.R. Townsend, Mont.

Contractor (if any): Not applicable.

Address of Contractor: 

Date Started: Date Completed:

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to natural spring, flowing from ground. Stock use, all year.

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. Quantity unknown, except that it is a large spring. Stock use, all year.

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

Signature of Owner:

Date: Nov. 26, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Approver.
76.548

[Signature]

[Signature]

[Signature]
**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:

<table>
<thead>
<tr>
<th>Date of Appropriation of Groundwater: Natural springs</th>
<th>Owner: Martin E. Clark</th>
<th>Address: R.R. 1, Townsend, Mont.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Started</td>
<td>Date Completed</td>
<td></td>
</tr>
<tr>
<td>Contractor (if any):</td>
<td>Not applicable.</td>
<td></td>
</tr>
<tr>
<td>Address of Contractor:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Description of means of obtaining groundwater without a well:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- As by sub-irrigation and other natural processes
- Include depth to water when applicable
- Natural spring, flowing from ground
- Cemented in for house and stock use

<table>
<thead>
<tr>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use: House and stock use.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Signature of Owner: Martin E. Clark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date: Nov. 15, 1963</td>
</tr>
</tbody>
</table>

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

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

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

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

Notice of Completion of Groundwater Appropriation
Without Well

Under Chapter 237 Montana Session Laws, 1961

Date of Appropriation of Groundwater

Owner

Contractor (if any)

Address of Contractor

Date Started

Date Completed

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

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

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

Signature of Owner

Date, December 2, 1969

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.
# WATER WELL LOG

**Owner:** J. J. Whitaker  
**Address:** August, Montana  
**Driller:** J. J. Whitaker  
**Address:** August, Montana  
**Date Started:** 7/10/59  
**Date Completed:** 7/10/59  
**Location:** Sec. 26 T. 7N R. 4E 1/4 sec. 3E

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
<th>Churn Drill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driven</td>
<td>Casing drill, rotary, other</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to</th>
<th>22 ft.</th>
<th>Type: steel</th>
<th>Size: 4&quot; Casing</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to</th>
<th>22 ft.</th>
<th>Type:</th>
<th>Size:</th>
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</thead>
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<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to</th>
<th>22 ft.</th>
<th>Type:</th>
<th>Size:</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>19 to ft. 22</th>
<th>Type: Steel</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
<th>Steel</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Static water level, for non-flowing well:</th>
<th>Twelve feet</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>P.s.i. at shut-in:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>12 feet at 10 gal. per min.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
<th>Bailed</th>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Length of test:</th>
<th>One hour</th>
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</table>

**Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
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<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>1'</td>
<td></td>
<td>Top soil</td>
</tr>
<tr>
<td>1'</td>
<td>10'</td>
<td></td>
<td>Gravel and shale</td>
</tr>
<tr>
<td>10'</td>
<td>17'</td>
<td></td>
<td>Clay and gravel</td>
</tr>
<tr>
<td>17'</td>
<td>22'</td>
<td></td>
<td>Sand and gravel</td>
</tr>
</tbody>
</table>
## Groundwater Index

**County**: Broadwater  
**Twp.**: 7N  
**Rge.**: 5E

<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>5</td>
<td>Parry Creek Ranch Co.</td>
<td></td>
<td>70866</td>
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</tr>
<tr>
<td>22</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
The undersigned, John Grove Hamen Jr., of Helena, Montana has appropriated groundwater according to the State of Montana in effect prior to January 1963 as follows:

Item #1  In the NE 1/4 of Section 14, Township 1 North of Range 2 East, M.P.M.:

Drilled well in 1952, 6" casing, water level maintained at 50 feet below the surface, produces 70 gallons per minute. Used by declarant for stockwater and irrigation continuously since 1952.

Item #2 In the center of Section 22, Township 3 North of Range 2 East, M.P.M.:

Developed spring; used for stockwater and irrigation on adjacent lands continuously by declarant and predecessors since 1952, produces 15 miners inches.

Item #3 In the NW 1/4 of Section 24, Township 1 North of Range 2 East, M.P.M.:

(a) Drilled well 55 feet deep, 6" casing, water level maintained at 50 feet below surface, produces 70 gallons per minute. Used for domestic purposes by declarant and predecessors since 1953.

(b) In the South Half of Section 25, Township 3 North of Range 2 East a drilled well, forty feet deep, 5" casing, water level maintained at 3 feet below surface, produces 50 gallons per minute. Used for domestic purposes by declarant and predecessors continuously since 1953.

Item #4 In Section 27, Township 3 North of Range 2 East, M.P.M.:

(a) A cistern well drilled in 1924, 6" casing, produces 50 gallons per minute. Used for domestic purposes and irrigation continuously by declarant since 1924.

(b) Groundwater for sub-irrigation for 60 acres used continuously by declarant and predecessors since 1953.

Item #5 In Section 26, Township 3 North of Range 2 East, M.P.M.:

Groundwater for sub-irrigation for 200 acres used continuously by declarant and predecessors since 1953.

Item #6 In the NE 1/4 of Section 22 of Township 3 North of Range 2 East, M.P.M.:

Groundwater for sub-irrigation for 70 acres used continuously by declarant and predecessors since 1953.

Item #7 In Section 16, Township 3 North of Range 2 East, M.P.M.:

Groundwater for sub-irrigation for 50 acres used continuously by declarant and predecessors since 1953.
item 20. In the W 1/2 of section 13, Township 1 North of Range 2 West, water springs and wells maintained, developed and used continuously by defendant and its predecessors for sub-irrigation and stockwater since 1883.

Item 21. In sections 23, 27, 31, 35, and 39 north of Range 2 West, water springs and wells maintained, developed and used continuously by defendant and its predecessors for sub-irrigation and stockwater since 1883.

Item 22. In sections 31, 35, 39, 43, and 47 north of Range 2 West, water springs and wells maintained, developed and used continuously by defendant and its predecessors for sub-irrigation and stockwater since 1883.

Item 23. In sections 11, 15, 29, 33, 37, 41, 45, 49, 53, 57, 61 of Township 7 North of Range 4 West, water springs and wells maintained, developed and used continuously by defendant and its predecessors for sub-irrigation and stockwater since 1877.

Item 24. In sections 11, 15, 29, 33, 37, 41, 45, 49, 53, 57, 61 of Township 7 North of Range 4 West, water springs and wells maintained, developed and used continuously by defendant and its predecessors for sub-irrigation and stockwater since 1877.

Item 25. In sections 11, 15, 29, 33, 37, 41, 45, 49, 53, 57, 61 of Township 7 North of Range 4 West, water springs and wells maintained, developed and used continuously by defendant and its predecessors for sub-irrigation and stockwater since 1877.

Item 26. In sections 11, 15, 29, 33, 37, 41, 45, 49, 53, 57, 61 of Township 12 North of Range 9 West, water springs and wells maintained, developed and used continuously by defendant and its predecessors for sub-irrigation and stockwater since 1877.
FRANK O'CONNELL

having first been duly sworn, deposes and says that he is of lawful age and is the President of J.O.T.W.

OCTOBER, 19__ is the appropriator and claimant of the order and 

water right mentioned in the foregoing declaration of vested 

groundwater rights and the corporation whose name is subscribed 

thereto, as the appropriator and claimant, that he knows the con- 

 tents of said foregoing notice and that the matters and things 

therein stated are true.

FRANK O'CONNELL

Subscribed and sworn to before me, this __ day of 

___________________, 19__. 

Notary Public for the State of Montana 

Residing at Helena, Montana 

My Commission expires _______________
<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>Pratt, Gene</td>
<td>GW 2</td>
<td>27866</td>
<td></td>
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<tr>
<td>2</td>
<td>Roundup Ranch Co.</td>
<td>GW 2</td>
<td>30086</td>
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<tr>
<td>3</td>
<td>Sections 3, 4, 5, 6, 8, 9, 10, 11, 12</td>
<td>GW 2</td>
<td>70860</td>
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<tr>
<td>4</td>
<td>Bocken, Margaret E.</td>
<td>GW 4</td>
<td>70820</td>
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<tr>
<td>5</td>
<td>BLM</td>
<td>GW 3</td>
<td>73024</td>
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</tr>
<tr>
<td>6</td>
<td>Smith, John P.</td>
<td>GW 2</td>
<td>70819</td>
<td></td>
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<tr>
<td>7</td>
<td>Williams, W.D., John</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Still, Lee, Smith</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jack and Joseph Lewis</td>
<td>GW 2</td>
<td>70819</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Mullen, Sarah</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Williams, W.D., John</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Smith, Jack and</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Harris, Bill George</td>
<td></td>
<td></td>
<td>well log</td>
</tr>
</tbody>
</table>

Groundwater Index
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 37, Montana Session Laws, 1961)

Owner: Jane Adams
Address: Townsend, Montana

Driller: Peter Billings
Pump address: Butte, Montana

Date of Notice of appropriation of groundwater: Jan. 17, 1969
Date well started: Aug. 10, 1969; Date completed: Jan. 17, 1969

Type of well: Drilled
Equipment used: churn drill, stony or other

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

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

<table>
<thead>
<tr>
<th>Depth</th>
<th>Kind of Water</th>
<th>Character</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>0'</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>10'</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20'</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>30'</td>
<td></td>
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<td>300'</td>
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</table>

Static Water Level for non-flowing well

Shut-in Pressure for flowing well

Pumping Water Level, feet

Discharge in gal. per min. of flowing well

How Tested: Gravel pack, cementing, pack-

Remarks:

USE—If used for irrigation, industrial, drainage or other, explain state number of acres and location of other data i.e., Lot, Block and Addi-

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 copy to be retained by driller.

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

Page 1 of 2
Item 1 In the SW of Section 14, Township 2 North of Range 2 East,

A well drilled in 1952, 100 feet deep, 6" casing, water level maintained at 20 feet below the surface, produces by pumping 50 gallons per minute, used by declarant for stockwater and irrigation continuously since 1952.

Item 2 In the center of Section 22, Township 2 North of Range 2 East,

developed spring used for stockwater and irrigation on adjacent lands continuously by declarant and predecessors since 1852, produces 100 gallons per hour.

Item 3 In the NE of Section 22, Township 2 North of Range 2 East,

(a) Drilled well 65 feet deep, 6" casing, water level 20 feet below surface, produces 50 gallons per minute. Used for domestic purposes by declarant and predecessors since 1852.

(b) In the South Half of Section 25, Township 2 North of Range 2 East, water level maintained at 5 feet below surface. Produces 20 gallons per minute. Used for domestic purposes by declarant and predecessors continuously since 1853.

Item 4 In Section 27, Township 2 North of Range 2 East,

(a) A regional well drilled in 1924, 50 feet deep, 6" casing, produces 60 gallons per minute. Used for irrigation and domestic purposes continuously by declarant since 1924.

(b) Groundwater for subsurface irrigation for 60 acres used continuously by declarant and predecessors since 1863.

Item 5 In Section 26, Township 2 North of Range 2 East,

Groundwater for subsurface irrigation for 300 acres used continuously by declarant and predecessors since 1883.

Item 6 In the NE of Section 22, Township 3 North of Range 2 East,

Groundwater for subsurface irrigation for 60 acres used continuously by declarant and predecessors since 1383.

Item 7 In Section 16, Township 2 North of Range 2 East,

Groundwater for subsurface irrigation for 50 acres used continuously by declarant and predecessors since 1863.
Item 42 In Section 12, Township 6 North of Range 1 East, M.P.N.M.:

Groundwater springs maintained, developed and used continuously by declarant and its predecessors for irrigation and stockwater since 1916.

Item 43 In Sections 3, 10, 16, 17, 18, 19, 24 of Township 6 North of Range 1 East, M.P.N.M.:

Groundwater springs maintained, developed and used continuously by declarant and its predecessors for sub-irrigation and stockwater since 1916.

Item 44 In Section 22, Township 6 North of Range 1 East, M.P.N.M.:

Use of Missouri River for stockwater maintained, developed and used continuously by declarant and its predecessors since 1915.

Item 45 In Section 22, Township 6 North of Range 1 East, M.P.N.M.:

A dug well 46 ft. deep, water level 16 feet from surface, producing 2 miners inches of water, maintained, developed and used continuously by declarant and its predecessors for domestic purposes and stockwater since 1915.

(Signed)

FRANK O'Connell

WITNESSES:

Gloria O'Connell, Secretary
J. Frank O'Connell, being first sworn, deposes and says that he is of lawful age and is the president of the U.S. Company and is the appropriator and claimant of the said water right mentioned in the foregoing declaration of vested groundwater rights and the corporation whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

J. Frank O'Connell

Subscribed and sworn to before me, this ___ day of ____________, 19__.

 Notary public for the state of Montana
 residing at Helena, Montana
 by commission expires ______________.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 205, Montana Session Laws, 1961)

1. Margaret E. Bechler
   of Route 1
   Townsend (Town)
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use: 1850

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 300 miner's inches

5. If used for irrigation, give the average 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: Self rising

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: 36 inches

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: 300 miner's inches

11. The log of drillers as 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 claimant: Margaret E. Bechler
Date: December 30, 1963

This copy is to be filed by the claimant with the County Clerk and Recorder of the county in which the well is located. Please return all pages. If not applicable, all spaces may be left blank. This form will be returned.

Send copy to the Office of the County and Recorder. Submit copy to the State Engineer. Submit copy to the Montana Bureau of Mines and Geology, or file in book of the Appropriate.
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: 10-22-65

Bureau of Land
Owner Management
Address P. O. Box 1048
Montana

Contractor (if any): None
Address of Contractor: N/A

Date Started: 9-17-65 Date Completed: 10-18-65

Describe means of obtaining groundwater without a well “as by sub-irrigation and other natural processes”. Include depth to water when applicable. Development of natural spring.
The spring area dug out with backhoe, drain tile, and covered, a cement cutoff wall poured and grouted. A water line to steel troughs with 1½ inch plastic pipe.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate length of periods of use. Approximately 7 gallons/minute obtained measured by using container of known volume for known period of time. Use from 12/1 to 3/31.

Signature of Owner
By: J. O. Box
Date: 10-18-65

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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
Notice of Completion of Groundwater Appropriation
Without Well
Under Chapter 237 Montana Session Laws, 1961

<table>
<thead>
<tr>
<th>Date of Appropriation</th>
<th>Owner</th>
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<tbody>
<tr>
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<td>Address</td>
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<tr>
<td></td>
<td>Contract or name of owner</td>
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<tr>
<td></td>
<td>Address of Contractor</td>
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<td></td>
<td>Date Started</td>
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<td>Date Completed</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Quantity of water developed</th>
<th>Explanation of method</th>
</tr>
</thead>
</table>

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

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

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

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

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

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

HORACE COCHRAN being the grantee in
consideration of the sum of
$30.00
and other valuable consideration, for
the
date of
DEC. 30, 1863
for the term of
37 years

witnesseth:

By

[Signature]

[Signature]
STATE OF MONTANA
ADMINISTER OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
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<tbody>
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</table>

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

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: December 1, 1963

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

Answer all questions. If not applicable, an asterisk (*) will be returned.

All to the County Clerk and Recorder, Duplicate to the State Engineer, Tripliote to the Montana Bureau of Land and Geography, and Quadruplicate for the Attorney General.
**WATER WELL LOG**

**Owner:** J. McMillan, W. D. Williams, John Williams  
**Address:** Toston, Montana

**Driller:** Van Dyken Drilling Company  
**Address:** Bozeman, Montana

**Date Started:** April 28, 1959  
**Date Completed:** May 4, 1959

**Location:** Sec. 34, T. 6N., R. 12E., 1/4 sec. NW 1/4

**Type of well Drilled:**  
**Equipment used:**  
**Cable tools:**

- **Water use:** Domestic [ ]  
- **Type:**  
- **Casing:** 0 ft. to 10 ft. Type... Size...
- **Casing:** 10 ft. to 50 ft. Type... Size...
- **Casing:** 50 ft. to 105 ft. Type... Size...
- **Perforated or Screened:** Ft. to Ft. Ft. to Ft.
- **Type of screen or perforations:**
- **Static Water level, for non-flowing well:** 14 feet.
- **Shut-in pressure, for flowing well:** 10 lb. sq. in. on... (date)
- **Pumping water level:** 30 ft. drawdown 50 feet at...
- **How tested:** 30 gal. per min.
- **Length of test:** 2 hrs.

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

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### Log of Well

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<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<td>Sec.</td>
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<td>1</td>
<td>Miller, Chris</td>
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**MONTANA BUREAU OF MINES AND GEOLOGY**

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
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<tbody>
<tr>
<td>Owner</td>
<td>Maria Miller</td>
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<tr>
<td>Driller</td>
<td>Van Young, Drilling Co.</td>
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<tr>
<td>Date Started</td>
<td>Dec. 21/69</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 23, T. 20 N., R. 98 W., 4th sec. of Butte Co.</td>
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</tbody>
</table>

**Type of Well**: Drilled

**Equipment Used**: Cable tools

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

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<thead>
<tr>
<th>Casing</th>
<th>Size</th>
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<td>Top to Bottom</td>
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<td>Size</td>
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<td>Size</td>
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</table>

**Perforated or Screened**: From ft. to ft. to ft. to ft. to ft.

**Type of Screen or Perforations**: 

**Static Water Level**, for non-flowing well: feet. Linear ft. per mile.

**Shut-in Pressure**, for flowing wells: psi. (date)

**Pumping Water Level**: feet at ___ gal. per min. (date)

**How Tested**: Static

**Length of Test**: ___.

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

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<table>
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<tr>
<th>Depth, feet</th>
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<td>Pavel</td>
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Log of Well
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 287, Montana Session Laws, 1961)

L. Ed Peer
(Name of Appropriator)
County of Broadwater

I. County of Townsend
(State of Montana)

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

2. The beneficial use on which the claim is based household purposes-dairy use in barn

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

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): about 20 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: only used on yard around house

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

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

8. The depth of water table flush with ground

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: 67 foot well with 6” iron pipe-not perforated or screened

10. The estimated amount of groundwater withdrawn each year about 125,000 gallons per year

11. The list of formations encountered in the drilling of each well if available solid rock and then at 57 feet hit gravel and water

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 Ed Peer
Date January 4, 1962

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

See answer all questions. If not applicable, set date, otherwise the form will be returned.

file to the County Clerk and Recorder, duplicate to the State Engineer. Triplicate to the School of Mines Administrator of the Appropriator.
## WATER WELL LOG

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Owner</strong></td>
<td>Edward E. &amp; Eliza Liner</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>Townsend</td>
</tr>
<tr>
<td><strong>Driller</strong></td>
<td>Robert Price</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>Choteley</td>
</tr>
<tr>
<td><strong>Date Started</strong></td>
<td>1950</td>
</tr>
<tr>
<td><strong>Date Completed</strong></td>
<td>1950</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>Sec. 2 T. 621 R. 25 7/4 sec.</td>
</tr>
<tr>
<td><strong>Type of well</strong></td>
<td>Drilled</td>
</tr>
<tr>
<td><strong>Equipment used</strong></td>
<td>Churn Drill</td>
</tr>
<tr>
<td><strong>Water use</strong></td>
<td>Commercial</td>
</tr>
<tr>
<td><strong>Casing</strong>:</td>
<td>164 ft. to 168 ft. steel, 12 inch</td>
</tr>
<tr>
<td><strong>Perforated or Screened</strong>:</td>
<td>20 ft. to 168 ft. 1/2 inch perforation</td>
</tr>
<tr>
<td><strong>Static Water level, non-flowing well</strong>:</td>
<td>8 feet</td>
</tr>
<tr>
<td><strong>Shut-in pressure, flowing well</strong>:</td>
<td>40 lb. sq. ft. on: Whenever used (date)</td>
</tr>
<tr>
<td><strong>Pumping water level</strong>:</td>
<td>5 feet at 350 gal. per min.</td>
</tr>
<tr>
<td><strong>How tested</strong>:</td>
<td>6 hrs.</td>
</tr>
<tr>
<td><strong>Remarks</strong>:</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>topsoil, sand &amp; clay</td>
</tr>
<tr>
<td>5</td>
<td>Brown sandy clay</td>
</tr>
<tr>
<td>10</td>
<td>Large coarse sand &amp; gravel</td>
</tr>
<tr>
<td>14</td>
<td>Sandy clay with some fine gravel</td>
</tr>
<tr>
<td>24</td>
<td>Alternate thin strata of pea sized gravel &amp; clay (tight)</td>
</tr>
<tr>
<td>52</td>
<td>Brown sandy clay intermixed fine gravel</td>
</tr>
<tr>
<td>64</td>
<td>Brown sandy clay free of gravel with alternate of hard &amp; soft material</td>
</tr>
<tr>
<td>80</td>
<td>Brown clay with some gravel</td>
</tr>
<tr>
<td>90</td>
<td>Hard pan fine gravel-clay</td>
</tr>
<tr>
<td>97</td>
<td>Soft silty clay</td>
</tr>
<tr>
<td>99</td>
<td>Sandy clay &amp; gravel (shallow strata of medium-sized gravel)</td>
</tr>
<tr>
<td>107</td>
<td>Course washed gravel</td>
</tr>
<tr>
<td>110</td>
<td>Soft clay</td>
</tr>
<tr>
<td>118</td>
<td>Hard pan (very tight)</td>
</tr>
<tr>
<td>132</td>
<td>Soft clay</td>
</tr>
<tr>
<td>144</td>
<td>Hard clay</td>
</tr>
<tr>
<td>145</td>
<td>Medium washed gravel &amp; sand</td>
</tr>
<tr>
<td>148</td>
<td>Fine sand &amp; gravel (fairly tight)</td>
</tr>
<tr>
<td>155</td>
<td>Fine sand and gravel (well washed)</td>
</tr>
<tr>
<td>160</td>
<td>Clay (very tight &amp; sticky</td>
</tr>
<tr>
<td>164</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)

1. George C. Meleskey Jr., of Sec. 38, T. 48 N., R. 23 W., County of Cascade, 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
      Not known
      Used steadily last 25 years

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

   5. If used for irrigation, give the average and description of the lands to which water has been applied and name of the owner thereof
      Not known

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
      Electric pump 3/4 horse

   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
      25 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
      50 ft deep 90 gal pressure tank
      Electric 3/4 horse 5 gpm 3 hp steel casing

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

11. The lag of formation encountered in the drilling of each well if available
    Not known

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

Signature of Owner:

Date: __________

This copy is 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, a blank will be furnished.

Return to the County Clerk and Recorder, duplicate to the State Engineer, triplicate to the Montana Bureau of Mines and Geology.

[Signature]

[Date]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1962)

Date: T. 6N R. 28E
County: Broadwater

1. Jessie J. Ridgeway
   (Name of Appropriator)
   of: 
   (Township)
   (Town)
   (Address)
   (City)

   County of Broadwater
   State of Montana

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

   S - 28-31-16
   W - 32

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

2. The beneficial use on which the claim is based:
   Irrigation
   
3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   Continuous
   
4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   Not measured
   
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

   Section 2 and Section 3 of T. 6N R. 28E

   Jessie J. Ridgeway

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:
   N/A

8. The depth of water table:
   N/A

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:
   N/A

10. The estimated amount of groundwater withdrawn each year:
    Not measured

11. The log of formations encountered in the drilling of each well if available:
    N/A

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: Jessie J. Ridgeway
   Date: Dec. 31, 1963

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

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

Original to the County Clerk and Recorder. Duplicate to the State Engineer. Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA, 1884
County of Broadwater.
I hereby certify that the within instrument was filed in record at
Office on the 3rd day of November 1884.

[Signature]

COUNTY CLERK

By.
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 resumed.

Owner
File
Address

Date started

Date completed

Type of well

Equipment used

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

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>KPH</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>24</td>
<td>374.25</td>
<td>774</td>
<td></td>
<td>190&quot; x 265&quot;</td>
</tr>
</tbody>
</table>

Static water level...
Pumping water level...

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 License and remarks.

Driller's Signature
Driller's Address

License No.

Show exact depth of bottom
## Declaration of Vested Groundwater Rights

### Under Chapter 257, Montana Session Laws, 1961

**Name of Appropriator:** Jessie Ridgway  
**Address:**  
**County of:** Broadwater  
**State of:** Montana  
**County:** Broadwater  

Appropriations for groundwater according to Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>Description</th>
<th>Date of Appropriation</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Household and stock watering purposes</td>
<td>1960 (approximate)</td>
<td></td>
</tr>
</tbody>
</table>

- The beneficial use on which the claim is based:  
- Date of approximate date of earliest beneficial use: 1960 (approximate)

- The amount of groundwater claimed: in minor's inches or gallons per minute. 
- **Approximately 70 gallons per minute**

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

- **32 acres**

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

- The depth of water table: 10 feet

- The log of formations encountered in the drilling of each well if available: hard pan, gravel & sand

- The estimated amount of groundwater withdrawn each year: 600,000 gallons

- Such other information of a similar nature as may be useful in carrying out the terms of this act, including reference to book and page of any court record: no record.

---

These copies to be filed by the owner with the County, Clerk and Recorder of the county in which the well is located. In case of any questions, the form will be returned.

### Office of State Engineer

Copy of this form should be made, and copies submitted to the State Engineer. In the event a well is drilled in a different county than the one in which the permit is issued, a copy of the plat should be submitted to the appropriate county board of county commissioners for filing.

1. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: about 1960.
2. **32 acres**
3. **Hard pan, gravel & sand**
4. **600,000 gallons**
5. **Jet pump**
6. **10 feet**
7. **No record.**
8. **No record.**
9. **No record.**
10. **No record.**
11. **No record.**
12. **No record.**

---

File No.

State of Montana

Administrator of Groundwater Code

Office of State Engineer

Declaration of Vested Groundwater Rights
Notice of Completion of Groundwater Appropriation
Without Well

Under Chapter 207, Montana Session Laws, 1961

Date of Appropriation of Groundwater: ______________

Owner: ________________________________
Address: ________________________________

Contractor (if any): __________________________
Address of Contractor: _______________________

Date Started: __________________ Date Completed: __________________

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. ________This filing is for the purpose of ________claiming any land of the subwaters under this acreage ______for the purpose of farming ______

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 this subwater ______is advantageous to the growing of grain, hay and ______pasture. This subwater maintains a high water table ______

Signature of Owner: __________________________
Date: __________________________

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

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

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

Original to the County Clerk and Recorder, duplicate to the State Engineer: Triplicate to the Montana Bureau of Mines and Geography and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation

Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: See Supplement.

Owner: Marie Bruce
Address: Townsend, Montana.

Contractor (if any): None
Address of Contractor: See Supplement.

Date Started: Date Completed: See Supplement.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Groundwater in Section 4 has been obtained since at least 1900 by sub-irrigation. Since August 24, 1963, groundwater is also obtained by a pump, pumping from the slough. (See supplement for further particulars)

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: See Supplement.

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

Signature of Owner: Marie Bruce
Date: 10-30-63

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

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

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

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

The above certificate the within document was filed for record in my office on the 11th day of
February, A.D. 1922,
2:15 min. past 9

[Signature]

[Signature]

[Signature]
SUPPLEMENT.

This supplement has been prepared to be filed with the attached Form D, to which reference is hereby made.

Sections of Section I have always been a sort of slough with groundwater immediately below the surface of the ground. Since at least the end of the century in 1900, groundwater has been obtained by sub-irrigation, on most of Section I. In 1903, a drainage district was formed to drain the general area and areas to the north of owner's properties. In August of 1905, the owner, Marie Bruce, caused a pump to be installed in the end of Section I to pump these groundwaters out of the slough and drainage ditches and over and across owner's lands in Section I and all thereof, except for area A. The estimated length of period of use annually and the quantity of water developed by pump alone is as follows:

between 350 and 150 inches of water or means of water.

The water could be used continually, but estimated beneficial use will be during the normal irrigation season in the area.
Notice of Completion of Groundwater Appropriation

Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater
Owner
Contractor (if any) —
Address of Contractor —
Date Started
Date Completed

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

Well - 1/2 - 1/4 - 1/2

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, such as months of years for center pivot:

100 - 200 days use

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

Signature of Owner
Date

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

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

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

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

Declaration of Vested Groundwater Rights
(Under Chapter 227, Montana Session Laws, 1961)

1. Wm. M. Logan
   Name of Appropriator
   of
   Address
   Town
   County of
   State of

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

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
</table>

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

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

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

5. If used for irrigation, give the area 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 such well or other means of withdrawal
   Well, pump

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

8. The depth of water table
   38 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
   Well, 30 ft. deep, electric pump

10. The estimated amount of groundwater withdrawn each year

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
    Not available

Signature of owner          Date
Wm. M. Logan
Aug. 21, 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. An incomplete 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 Groundwater Code for filing purposes.