<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County F136 No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>McElrath, Robert L.</td>
<td>GW 3</td>
<td>438-310</td>
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<td>7</td>
<td>Leach, Thomas A.</td>
<td>GW 4</td>
<td>438-368</td>
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<td>9</td>
<td>Ellsworth, Lee</td>
<td>GW 2</td>
<td>438-257</td>
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<tr>
<td>10</td>
<td>Carlson, Sidney W.</td>
<td>GW 4</td>
<td>438-248</td>
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<td>14</td>
<td>McColl, Robert</td>
<td>GW 2</td>
<td>200-28</td>
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<td>11</td>
<td>Hammer, Carl E.</td>
<td>GW H</td>
<td>438-519</td>
<td></td>
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<td>12</td>
<td>Nelson, William R.</td>
<td>H</td>
<td>438-990</td>
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<tr>
<td>18</td>
<td>Baggott, Jesse D.</td>
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<td>438-872</td>
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<td>19</td>
<td>Christensen, Roy C.</td>
<td>GW 2</td>
<td>408-79</td>
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<td>19</td>
<td>Henschen, Elma</td>
<td>GW H</td>
<td>438-004</td>
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<td>20</td>
<td>H. J. Abie, Ethel E.</td>
<td>H</td>
<td>438-689</td>
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<tr>
<td>23</td>
<td>Nelson, Alice H.</td>
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<td>438-637</td>
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<td>24</td>
<td>Nogan Ranch Co.</td>
<td>GW 2</td>
<td>404-19</td>
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<tr>
<td>25</td>
<td>Burns, Eva</td>
<td>WELL LOG</td>
<td>438-705</td>
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<tr>
<td>27</td>
<td>Black Ranch Inc.</td>
<td>GW H</td>
<td>438-789</td>
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<tr>
<td>29</td>
<td>Beil Ranch Inc.</td>
<td>GW 2</td>
<td>192-93</td>
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<td>Jensen, Frank</td>
<td>GW H</td>
<td>408-214</td>
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<td>34</td>
<td>Black Ranch, Inc.</td>
<td>H</td>
<td>438-793</td>
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<tr>
<td>38</td>
<td>Hillman, Merian</td>
<td>H</td>
<td>438-415</td>
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<td>34</td>
<td>Jones, Lloyd</td>
<td>GW 2</td>
<td>200-73</td>
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<tr>
<td>54</td>
<td>Peterson, Axel</td>
<td>GW H</td>
<td>438-664</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: prior to 1930
Owner: Robert J. McElvain  
Address: Rimadale, Montana
Contractor (if any):  
Address of Contractor:  
Date Started:  
Date Completed:  
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable

natural flow spring

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

350 to 400 gallons per minute developed; an amount used each day is approximately 6,000 gallons, sufficient to water 200 cattle

Signature of Owner:  
Date: Dec 12, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA,
County of Valley.
Filed for record.

DEC 13 1863

[Signatures]

[Seal]

[Notary]

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

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

1. Thomas L. Lock (Name of Appropriator) Box 113 (Address) Rimville (Town)

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

2. The beneficial use on which the claim is based

   House and livestock

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

   1926 used ever since

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

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

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

   Draw pump, NW 1/4, NW 1/4, Sec. 7, T. 31 N., R. 21 W.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1926-1928, 1956-1961

8. The depth of water table

   Just a small trickle

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

   Hand dug, 6 ft. curb, 14 ft. deep, and 10 ft. deep

10. The estimated amount of groundwater withdrawn each year 109,500

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

   [Blank]

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

   [Blank]

Signature of Owner Thomas L. Lock
Date Feb. 10, 1962

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-7 ft</td>
<td>yellow clay</td>
</tr>
<tr>
<td>7-8 ft</td>
<td>gravel</td>
</tr>
<tr>
<td>8-10 ft</td>
<td>blue silt</td>
</tr>
<tr>
<td>10-16 ft</td>
<td>gravel</td>
</tr>
<tr>
<td>16-18 ft</td>
<td>clay; gravel</td>
</tr>
<tr>
<td>18-33 ft</td>
<td>gravel, boulders</td>
</tr>
</tbody>
</table>

Static water level: 9 ft

Date well started: 10-7-62
Date completed: 10-8-62

Type of well: Drilled
Equipment used: Rotary

Water Use:
- Domestic
- Municipal
- Other
- Irrigation

State of Montana—Administrator of Groundwater Code
Office of State Engineer

Notice of Completion of Groundwater Appropriation by Means of Well

Owner: Lee Ellsworth
Address: Hinsdale, Mont.

Driller: Schnell Inc
Address: Culbertson, Mont.

Date of Notice of Appropriation of Groundwater:

Static Water Level for non-flowing Well: 9 ft
Shut-in Pressure for Flowing Well:
Pumping Water Level: 20 ft at 300 gal. per minute.
Discharge in gal. per min. of flowing well:
How Tested: Pumping
Length of Test: 5 hrs.

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)

Installed gravel pack.

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.

Driller's License Number:

Schnell Inc
Driller's Signature:

[Diagram showing the strata and depth of the well, with a scale indicating 10 acres per small square.]
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Sidney W. Carlson, of Box 106, Hinsdale
County of Valley, 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 is for stock, house and yard irrigation.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 3500 gph for stock or legal for pasture.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. May connect tower drum pumps with jet pumps or mobile gas pumps.

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. May pump capacity of well.

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 where drilled information is recorded.

Signature of Owner: Sidney W. Carlson
Date: Oct 13, 1965

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

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

Original to the County Clerk and Recorder, Duplicate to the State Engineer, Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropnitor.
STATE OF MONTANA, Co. of Valley.
Filed for record.

NOV 3 1965

Apache Hills
County Recorder
By (Signature)

[Handwritten notes and signatures]
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** ROBERT MCCOY  Address: HANSOME, MT.

**Driller:** Address:

**Date of Notice of Appropriation of Groundwater:**

**Date well started:**

**Date completed:**

**Type of well:** Equipment Used:

- **(Aug, dress, bored or drilled)**
- **(Chim, drill, rotary or other)**

**Water Use:**

- Domestic
- Municipal
- Other
- Irrigation
- Industrial
- Drainage
- Stock

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

<table>
<thead>
<tr>
<th>Rock of Bore</th>
<th>Size and Weight of Cutter</th>
<th>From (feet)</th>
<th>To (feet)</th>
<th>PUMPING</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Static Water Level for non-flowing Well**
- **Suction 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 casing, location of plant of use of groundwater if not at well, and any other significant pertinent information, including number of acres irrigated, if used for irrigation)

---

**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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Carl E. Hammerman
   220-No. 4th St., Hamilton, Montana...
   (Name of Appropriator)
   (Address)
   (Town)
   County of Valley
   State of Montana

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

   Sec. 11-731, T. R. 36

   Sec. 15, T. 31 R. 36

   No. 1

   No. 2

   The beneficial use on which the claim is based for stock and home use.

   Date or approximate date of earliest beneficial use; and how continuous the use has been.
   No. 1-1910; No. 2-1912
   Not used very much in the last ten years except for watering stock when grazing this land.

   The amount of groundwater claimed (in miner's inches or gallons per minute).
   No test has ever been made.

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

   The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   Pump, location as shown in diagram for No. 1 and No. 2.

   The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   No. 1- completed in 1910; No. 2- completed in 1912

   The depth of water table.
   Thirtyfive feet.

   So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
   Hand dug wells- 4 feet by 4 feet.

   The estimated amount of groundwater withdrawn each year.
   No Record.

   The log of formations encountered in the drilling of each well if available.
   None.

   Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
   None.

   Signature of Owner.
   Date, Nov. 30th, 1963.

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

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

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

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

[Name of Appropriate]

County of [County]
State of [State]

1. [Beneficial Use]

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

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

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

5. If used for irrigation, give the acres 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 [Date]

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

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

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

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

Jesse Lazard, of Lizard Lake, Valley County, Montana.
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: Supply home & garden.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1955, continuous.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 5-31-1-36.

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


8. The depth of water table: 200 ft.

9. So far as it may be available, the type, size and depth of each well or general specifications of any other works for the withdrawal of groundwater: 30 gal. cap. 8 ft. deep.

10. The estimated amount of groundwater withdrawn each year: 25,000 gallons.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: None.

Signature of Owner: Jesse Lazard
Date: March 12, 1962

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

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

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

1590
Top of Ground
(Elev. above sea level)

Date of Notice of appropriation of groundwater:

Date well started:
Date completed:

Type of well:
(Dug, Driven, bored or drilled)
(Churn drill, rotary or other)

Water use:
Domestic □ Municipal □ Stock □ Irrigation □
Industrial □ Drinage □ 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.

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 shutoff)

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

Show exact depth of bottom.

(Continue on reverse side)

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).

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 returned by driller.

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

Driller's License Number

Driller's Signature
STATE OF MONTANA,
County of Valley,

Ray Christman having first been duly sworn, depose and say that he of lawful age and the appropriator of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice and that the matters and things therein stated are true.

Ray Christman

Subscribed and sworn to before me, this 22 day of Nov., 1967.

R. R. Schubert
Notary Public for the State of Montana.
Residing at... My Commission expires...
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 Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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

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

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

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

8. The depth of water table: ___________

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

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

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

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

Signature of Owner: ___________
Date: ___________

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

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

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

1. (Name of Appropriate) (Address)
   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 since

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 Valley.

Filed for record
FEB 8 1962
at 10:00 o'clock A.M.

By County Recorder,
By County Recorder's Deputy.
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 Appropiator], of [Address], (Town) in County of [County] of the State of Montana.

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: [Signature]
Date: [Date]

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropiator.
STATE OF MONTANA
County of Valley
Filed for record
FEB 8 1962
at 10:30 o'clock A. M.
Eugene Field
County Recorder
by Thaddeus Jester, Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Alice H. Nelson

County of Valley
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:
   garden irrigation and household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   1906
   continuous

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   1907

8. The depth of water table:
   unknown

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 is dug 6 ft deep and sand point at end of 20 ft pipe driven the rest of way. Have planned irrigation well 260 ft north of this well, but did not put down because it put land in the soft bank."

10. The estimated amount of groundwater withdrawn each year:
    10000 gal.

11. The log of formations encountered in the drilling of each well if available:
    quick sand after 5 ft.

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:
    This is called a spring at top of hill.

Signature of Owner: ____________________________

Date: ________________

October 15, 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, County of Valley.
Filed for record OCT 17 1963

Mary Jane Luke
County Recorder

Pauline Jacobson, Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: December 3, 1964

Owner: Alice H. Nelson  Address: Box 627, Glasgow, Montana

Contractor (if any) none
Address of Contractor none

Date Started: Nov. 7, 1964  Date Completed: November 15, 1964

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

This is a shallow well dug by hand and pipe put in
for watering stock.

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.

April through December, and longer if weather permits;
may be used the year round if possible to "end stock
during winter months. Estimate 20 gal. per minute.

Signature of Owner: Alice H. Nelson
Date: December 3, 1964

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, | co. | County of Valley. | Filed for record.

DEC 3 1964 | 19433 | 19433 | 19433 | 19433 | 19433 | 19433 | 19433 | 19433 | 19433 | 19433 | 19433 | 19433

By: \[Signature\] | Deputy

By: \[Signature\] | County Recorder
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: M.O. GREEN

Address: Hinsdale

File: 3.4.6.9

Date well started: 10-23-70

Completed: 10-26-70

Type of well: Drilled

Equipment used: Churn

Water Use: Domestic O Municipal O Stock X Irrigation O

Industrial O Drainage O Other O Garden/Lawn O

*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 Drill Bit</th>
<th>Size and Weight of Cutting</th>
<th>Raw (Feet)</th>
<th>Tot (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot; X 1/2&quot;</td>
<td>62 X 0</td>
<td>25</td>
<td>62</td>
<td>Top 107</td>
</tr>
</tbody>
</table>

---

Static water level: 77 feet

Pumping water level: 87 feet

at 16 gallons per minute, measured 5 minutes after pumping began.

*Measured from ground level.

Well developed by boring for 1/2 hour.

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: Carl P. Smith

Driller's Address: Hinsdale

---

LICENSE NO.

107 Show exact depth of bottom

48365
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: [Name]
Address: [Address]

Driller: [Name]
Address: [Address]

Date Started: [Date]
Date Completed: [Date]


Type of well: [Type of well]
Equipment used: [Equipment used]

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

Casing: [□] to [□] ft. Type: [Type] Size: [Size]
Casing: [□] to [□] ft. Type: [Type] Size: [Size]
Casing: [□] to [□] ft. Type: [Type] Size: [Size]

Perforated or Screened: [□] to [□] ft. Size: [Size]

Type of screen or perforations: [□]

Static Water level, for non-flowing well: [□] feet.
Shut-in pressure, for flowing well: [□] lb./sq. in. on: [□] (date)

Pumping water level: [□] feet at [□] gal. per min.

How tested: [□]

Length of test: [□]

Remarks: [□]

Gravel packing, cementing, packers, type of shut-off, depth of shut-off

(over)
## WATER WELL LOG

**Owner:** Burns  
**Address:** Missoula  
**Driller:** Carl Palm  
**Address:** Salt Lake

**Date Started:** 8/27  
**Date Completed:** 9/21

**Location:** Sec. 25  
**T. 31 R. 26 W. 1/4  
**NE NW**

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>Churn drill</td>
</tr>
<tr>
<td>Municipal</td>
<td>Surgery house</td>
</tr>
<tr>
<td>Stock</td>
<td>Irrigation</td>
</tr>
<tr>
<td>Industrial</td>
<td>Other</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing: Top</th>
<th>ft. to 79 ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>ft. to</td>
<td>Type</td>
<td>Size</td>
</tr>
</tbody>
</table>

- **Perforated or Screened:** Ft. to ft.  
- **Type of screen or perforations:**

- **Static Water level, for non-flowing well:** 4 ft.  
- **Shut-in pressure, for flowing well:** 60 lb./sq. in. on:  
- **Pumping water level:** 175 feet at 4 gal. per min.  
- **How tested:**  
- **Length of test:** 1 hr.

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

---

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>10</td>
<td>15</td>
</tr>
<tr>
<td>15</td>
<td>20</td>
</tr>
<tr>
<td>20</td>
<td>24</td>
</tr>
<tr>
<td>24</td>
<td>27</td>
</tr>
</tbody>
</table>

State of Wyoming  
11-2-1969

Filed for record

Casie Recorder
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 5</td>
<td>Sand</td>
</tr>
<tr>
<td>5 - 20</td>
<td>Yellow Clays</td>
</tr>
<tr>
<td>20 - 60</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>60 - 74</td>
<td>Sand</td>
</tr>
<tr>
<td>74 - 77</td>
<td>Course Sand</td>
</tr>
<tr>
<td>77 - 79</td>
<td>Water</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Black Ranch Inc. or Missoula (Name of Appropriate) or Hinsdale (Town)
   County of Valley 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: Irrigation

3. Date or approximate date of earliest beneficial use and how continuous the use has been 1930 to 1940

4. The amount of groundwater claimed (in inches or gallons per minute) 10 gal. per minute

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

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

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

8. The depth of water table: 70 ft. 100 - 4.5 ft. addition, apparently

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: Pipe is 4 in. diameter, 8 ft. long, casing, approximately 4 ft. drop

10. The estimated amount of groundwater withdrawn each year: 4,320,000 gal.

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

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

   Signature of Owner John W. Back, Jr.
   Date 12-26-63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriate.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Date of Notice of appropriation of groundwater: 6/19/65

Date well started: 6/19

Date completed: 6/11/65

Type of well: Drilled

Equipment used: Churn

Water use: Domestic X, 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>Strata</th>
<th>Size of Strata</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-6 Gumbo</td>
<td></td>
</tr>
<tr>
<td>6-38 Sandy Silt</td>
<td></td>
</tr>
<tr>
<td>38-54 Blue Clay</td>
<td></td>
</tr>
<tr>
<td>54-62 Fine Sand</td>
<td></td>
</tr>
<tr>
<td>62-79 Coarse Sand</td>
<td></td>
</tr>
<tr>
<td>79-80 Sandy Gravel</td>
<td></td>
</tr>
</tbody>
</table>

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

Shut-In Pressure for Flowing Well: 10 gal. per minute.

Pumping Water Level: 30 feet.

Discharge in gal. per min. of flowing well: 2,100 gal.

How Tested: Balancing

Length of Test: 240 days

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

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).

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, state otherwise the form will be returned.

Owner: Carl Reinhart

Driller: Carl Palm

Address: H. J. C. S. D. A.

Address: 530

Driller's License Number: 25

Driller's Signature: Carl Palm

392.46
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) 

STATE OF MONTANA 

ADMINISTRATOR OF GROUNDWATER CODE 

OFFICE OF STATE ENGINEER 

Beil Ranch Inc. of Helena 

(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:

1. 

2. The beneficial use on which the claim is based:
   (1) Stock Water
   (2) Stock House Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   (1) 1915 Continuous
   (2) 1940 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   (1) 5 Gallons per Minute
   (2) 10 Gallons per Minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   (1) 3.25 Acres owned by Beil Ranch Inc.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   (1) 1915
   (2) 1940

8. The depth of water table:
   (1) 40
   (2) 60

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:
   (1) 10 inch casing drilled
   (2) 6 inch casing drilled

10. The estimated amount of groundwater withdrawn each year:
    (1) 300,000
    (2) 600,000

11. The log of formations encountered in the drilling of each well if available:
    (1) 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:
    (1) Not Available

Signature of Owner: Beil Ranch Inc.

Date: Dec 31, 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Apprropriate.
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)


   **County of** Valley

   **State of Montana**

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

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: Peter L. Laramee
   
   Date: Dec 30, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Tripplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
STATE OF MONTANA
County of Valley
Filed for record
DEC 31 1963

MARY LUCI EIDE Clerk & Recorder
Valley County

By:__________________________
## State of Montana

### Administrator of Groundwater Code

**Notice of Completion of Groundwater Appropriation by Means of Well**

**Developed After January 1, 1962**

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

**Owner:** Pete Larson  
**Address:** Hinsdale

**Driller:** Carl Palmer  
**Address:**  

---

### Date of Notice of Appropriation of Groundwater

- **Date well started:** 5-1-74  
- **Date completed:** 5-28-74

### Type of Well

- **Drilled**  
- **Equipment used:** Churn

**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 silt, 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.

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

- **18 feet.**

**Shut-in Pressure for Flowing Well**

- **10 gal. per minute.**

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

- **30 feet.**

**How Tested:**

- **Drying.**

**Length of Test:**

- **1 1/2 hrs.**

**Remarks:**

- (Gravel packing, cementing, packers, type of shutoff)

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

---

### Perforations

<table>
<thead>
<tr>
<th>Stage</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Diagram

[Diagram of well with measurements and markers]

---

**Doc. No.:** 21276  
**Filed for record this 1 day of , A.D. 1974, at o'clock A.M.**  

**Show exact depth of bottom.**

---

**No.: 25**  
**Driller's License Number:**

**Driller's Signature:**

---

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

C. R. Christensen and Emma Christensen, of Box 313, Hinsdale,
County of Valley, State of Montana

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

2. The beneficial use on which the claim is based: irrigation, domestic and livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1933

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: 1/4 acre garden adjacent to farm home as shown in plans

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: #1 - 1942; #2 - 1946 (previous wells on same site)

8. The depth of water table: 23 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: both wells are 4" drilled, electric motor driven pumps (pressure system)

10. The estimated amount of groundwater withdrawn each year: 632,500 gallons

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: Emma Christensen
Date: Dec. 30, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
DECLARATION OF VESTED GROUNDWATER RIGHTS

UNDER CHAPTER 237, MONTANA SESSION LAWS, 1961

1. RAY W. GASPAR
   (Name of Appropriator)
   County of Valley
   State of Montana
   Have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

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

3. Date or approximate date of earliest beneficial use and how continuous the use has been: 1935 - continuous

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

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

6. The point of withdrawal is on which water is drawn and the location of each well or other means of withdrawal: Gas motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1935

8. The depth of water table: 15 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: 165' deep, 4" casing, 1" pipe

10. The estimated amount of groundwater withdrawn each year: 500,000 gallons per 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: Ray W. Gaspar
Date: December 20, 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 Quaduplicate for the Appropriator.
### Declaration of Vested Groundwater Rights

**STATE ENGINEER**

(Dec 30, 1963)

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

(Under Chapter 237, Montana Session Laws, 1961)

**Declaration of Vested Groundwater Rights**

1. **Name of Appropriator**: Kenneth Stelson  
   **Address**: Helena  
   **Town**:  
   **State of Montana**  
   **County**: Valley

   County and 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 is:  
   **Livestock and garden irrigation**

3. Date or approximate date of earliest beneficial use and how continuous the use has been used continuously since 1943.

4. The amount of groundwater used (in miner's inches or gallons per minute):  
   **15 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.
   - **Drilled well, completed January 1, 1943**

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

9. So far as may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
   - **Cased well, 75 feet deep**
   - **1½" well pipe, 5" x 76" cylinder**

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

11. The log of formations encountered in the drilling of each well if available.
    - **40' Jumbo, 40 - 71, sandy clay, 71 - 75, sand**

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

   **Signature of Owner**: Kenneth Stelson  
   **Date**: 1/1/63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
STATE OF MONTANA

COUNTY OF VALLEY

Filed for record

DEC 26 1963

MARY LOUISE CLARK & RECORDER

Valley County
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 Appropnator
Of. Arno Alto
(Address)
(Town)
County of Valley
(State of Montana)

2. The beneficial use on which the claim is based: Water for livestock, garden, irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been, 1938 - 1962, used continuously since

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 15 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 each water from the ground and the location of each well or other means of withdrawal: Cylinder pump with electrical motor

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

8. The depth of water table: 30 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:

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

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: None

Signature of Owner: Ms. Nellie Hitch
Date: 3/12/66

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

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

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

3796
Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1963

(Under Chapter 237, Montana Session Laws, 1961)

Owner: ______________________ Address: ________________

Date of Notice of Appropriation of Groundwater: ________________

Date well started: ________________ Date completed: ________________

Type of well: __________________________ Equipment used: __________________________

(Dug, Driven, bored or drilled)

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 of Drilled Hole</th>
<th>Size and Weight of Pipes</th>
<th>Pressure of Water (Feet)</th>
<th>Pressure of Air (Feet)</th>
<th>PRODUCTIONS</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

Static Water Level for non-flowing well:

Field Pressure for flowing well:

Infiltration Water Level:

Discharge in gal. per min. of flowing well:

How Tested:

Length of Test:

Removals: Gravel packing, cementing, packers, type of cutoff:

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

(Continue on reverse side)

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

Driller’s License Number:

Driller’s Signature:

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, this copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Be it RESOLVED that the... of Hinsdale.

County of (Name of Appropriator) State of MONTANA (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: Stock Water

3. Date or approximate date of earliest beneficial use: 1920

4. The amount of groundwater claimed (in inches or gallons per minute) 105.91, 105.91

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: Garden Irrigation

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: 1920

8. The depth of water table: 12 ft

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

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

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

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

Signature of Owner: $\text{Paul Ranch Inc.}$

Date: 07/07/1963

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 1: the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. Lester Johnson of Helena, Montana
   (Name of appropriator) (Address)

   County of ... State of Montana

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

   2. The beneficial use or which the claim is based

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1987-1990

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 3.6 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: pump with deep well pump

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

   8. The depth of water table: 3.5 ft

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

      Drilled well, finish casing 63 ft deep

   10. The estimated amount of groundwater withdrawn each year: 20,000 gallons

   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: Lester Johnson
   Date: 11-14-1962

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

   Please answer all questions. If not applicable, so state; otherwise the form will be returned.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Black Ranch, Inc, of Hinsdale
(Address)
County of Valley, 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: 1930
4. The amount of groundwater claimed (in inches or gallons per minute): 5 to 9 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: about 1930
8. The depth of water table: 65' 37"
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:

Drilled well 65' 37"

10. The estimated amount of groundwater withdrawn each year: depends on season
11. The log of formations encountered in the drilling of each well if available:

N, T, 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:

John W Black 1-27-61
Signature of Owner: Black Ranch, Inc.

Date 1-27-61

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 Appropiater.