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

Date of Appropriation of Groundwater: Spring No. 1 1962
Spring No. 2 1962
Owner: Charles Van Horn
Address: Box R. R. 3, Glendive, Mont.
Contractor (if any): Sudom & Keillor
Address of Contractor: Geyser, Montana

Date Started: 1961-1962... Date Completed: 1962

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

These springs have been dug out and flow
freely into dam to hold water

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

These springs are on State land leased by the

Signature of Owner: Charles Van Horn
Date: Dec. 23, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
#343

WATER APPROPRIATION
CHARLES VAN HORN

2 springs in Sec.6-16-10

122078

State of Montana
County of Judith Basin Co.
Filed for record this 23rd
day of Dec. A.D. 1963 at
11:53 o'clock A.M.
Relight Leslie, Clerk

by Betty Ovstensen, De

Fee $2.00 pd.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 277, Montana Session Laws, 1961)

Vincent M. Sandmeyer
(Name of Appropriator)

Geiser
(Address)

Judith Basin
(Town)

County of
(State of Montana)

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

1. The beneficial use on which the claim is based:

2. The dates or approximate date of earliest beneficial use; and how continuous the use has been: 1950 Continuous

3. The amount of groundwater claimed (in mine's inches or gallons per minute): 3 gallons per minute

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

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

7. The depth of water table:

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

9. 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: Vincent M. Sandmeyer

Date: Dec 28, 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 Appropriator.
V. M. SAUDEYER
NWNE Sec. 7-11-10

State of Montana
County of Judith Basin
Filed for record this
30th day of December A.D. 1965
at 9:30 o'clock A.M.
Delight Leslie, Clk. & Rec.

by Betty Dallman, Dep.
Form No. 18  
8-60

<p>| | | | | | |</p>
<table>
<thead>
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<tbody>
<tr>
<td>Owner</td>
<td>Kolar Brothers</td>
<td>Address</td>
<td>Geyser, Montana</td>
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<tr>
<td>Driller</td>
<td>Thatcher Drilling Co.</td>
<td>Address</td>
<td>Stanford, Montana</td>
<td></td>
<td></td>
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<tr>
<td>Date Started</td>
<td>October 18, 1963</td>
<td>Date Completed</td>
<td>Oct. 26, 1961</td>
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<td></td>
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<tr>
<td>Location:</td>
<td>Sec. 8 T. 16 R. 10 1 sec. SW E²</td>
<td></td>
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<td></td>
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</tbody>
</table>

**Type of well** | Drilled  |
---|---|
**Equipment used** | Rotary  |

**Water use:**  
- Stock  
- Irrigation

**Casing:**  
- 400 ft. to ft. Type Galvanized Size 2"
- ft. to ft. Type Size

**Perforated or Screened:**  
- Ft. 15 to ft.  
- Ft.  to ft.

**Type of screen or perforations:** Perforated

**Static Water level, for non-flowing well:** feet.

**Shut-in pressure, for flowing well:** 25 lb./sq. in. on: Oct. 26

**Pumping water level** feet at gal. per min.

**How tested:** 5 gallon pail

**Length of test** 12 seconds

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

- Installed a 2" valve underground

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<tbody>
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<td>398</td>
<td>400</td>
</tr>
</tbody>
</table>

W. W. Log #70. Filed for record this 15th day of Nov., 1961 at 1:15 P.M.

Delight Leslie, Clk. & Rec.
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: Oct 28, 1964
Owner: U.M. Sandmeyer
Address: Helena, Mont.
Contractor (if any): 
Address of Contractor: 
Date Started: Oct 25, Date Completed: Oct 28

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

3 ft excavation, 560 ft diked with 1/2 in pipe into 6 ft tank

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

20 gallons per minute continuous

Signature of Owner: U.M. Sandmeyer
Date: Dec 28, 1965

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.
V. M. SANDBERGER

STATE OF MONTANA
COUNTY OF JUDITH BASIN
Filed for record this 30th day of Dec., A.D. 1965
at 10:00 o'clock A.M.

Delight Leslie, Ck. & Rec.
by Betty A. Rose

#691
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

State of Montana

1. Charles R Oja
   (Name of Appropriator)
   of
   (Address)
   (Town)
   County of Judith Basin
   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. It has been used continuously since about 1935.

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.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. It is a spring which has been dug to a depth of about five feet.

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

8. The depth of water table: Four 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. Five feet deep with a 24 inch casing

10. The estimated amount of groundwater withdrawn each year: 2,678,000 gallons

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

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

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
County of Judith Basin
Filed for record this 31st
day of Dec., 1963 at 10:55
o'clock A.M.
Delight Leslie, Clerk and R.o.

by_----------------------------------Sep.

Fee $2.00 pd.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. KeAR Bros. (Name of Appropriate) of GEYSER (Address) State of...JUDITH BASIN
County of JUDITH BASIN 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: STEAM WATERS

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1/1/1960 CONTINUOUSLY

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 3 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: FLOWING WELLS

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 9/1/1965

8. The depth of water table: FROM 45 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: FANCY DIA. 660 FEET DEEP

10. The estimated amount of groundwater withdrawn each year: NOT AVAILABLE

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

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

Signature of Owner: 
Date: 9/22/65

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 Judith Basin

Filed for this 27th day of
September A. D. 1965 at 2 P.M.

[Signature]
County Clerk.

Fee $2.00 Paid.
State Lease  
John M. Oliver

Form No. 18  
S-60

T. 16 N  
R. 10 E

County  
Judith Basin

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

Water Well Log

<table>
<thead>
<tr>
<th>Section 18</th>
<th>State Lease</th>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>JOHN M. OLIVER</td>
<td>Goyaer, Montana</td>
</tr>
</tbody>
</table>

Driller: JOE Wm. AAFDT  
Address: 410 4th Avenue North  
Great Falls, Montana

Date Started: May 23, 1961  
Date Completed: May 30, 1961

Location: Sec. 18  
T. 16 N R. 10 E  
1/4 sec. center 56k

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Cable Tool</th>
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<tbody>
<tr>
<td></td>
<td>(Dug, driven, bored, or drilled)</td>
<td>(Churn, drill, rotary, other)</td>
<td></td>
</tr>
</tbody>
</table>

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

Casing: Surface ft. to 42 ft.  
Type: Black Iron  
Size: 6"

Casing: ft. to ft.  
Type:  
Size:

Casing: ft. to ft.  
Type:  
Size:

Perforated or Screened: Ft. None to ft.  
Ft. None to ft.

Type of screen or perforations: None

Static water level, for non-flowing well: 42 feet.

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

Pumping water level: 42 feet at 10-12 gal. per min.

How tested: Machine Bailer

Length of test: 1/2 to 1 hour

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

(over)
Elevation: 4500'-5000' approximately

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
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<td></td>
<td>18</td>
<td>Topsoil and small gravel</td>
</tr>
<tr>
<td>18</td>
<td>19</td>
<td></td>
<td>Very hard table rock (grey)</td>
</tr>
<tr>
<td>19</td>
<td>25</td>
<td></td>
<td>Topsoil and small gravel</td>
</tr>
<tr>
<td>25</td>
<td>40</td>
<td></td>
<td>Large gravel aggregate</td>
</tr>
<tr>
<td>40</td>
<td>72</td>
<td></td>
<td>Very hard rust colored rock and veins of gravel</td>
</tr>
<tr>
<td>72 feet</td>
<td></td>
<td></td>
<td>Only water horizon</td>
</tr>
<tr>
<td>72</td>
<td>100</td>
<td></td>
<td>Very hard rust colored rock and veins of gravel</td>
</tr>
</tbody>
</table>

Signed this 6th day of December A. D.

[Signature]

County Clerk.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. JOHN M. OLIVER
   (Name of Appropriator)
   of
   (Address)
   (Town)
   County of Judith Basin
   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 ____________

   Well, located as set forth on the left.

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

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
   Drilled well; 42' of 6' Black
   iron casing; 100' depth

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 ____________

   None

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 Apppropriator.
Doc. No. 118881

DECLARATION OF VESTED GROUNDWATER RIGHTS

JOHN K. OLIVER
Center 26-1-16-8

STATE OF MONTANA
COUNTY OF JUDITH BASIN

Filed this 7th day of Feb., 1962 at 1:30 p.m.

County Clerk.

Fee $2.00 Paid.
## Groundwater Index

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<tr>
<td>12</td>
<td>Seguin, Robert S.</td>
<td>GW-4</td>
<td>660</td>
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<td>13</td>
<td>Heidrich, J.R.</td>
<td>H</td>
<td>667</td>
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<td>13</td>
<td>Plaits, Ray</td>
<td>SW-0</td>
<td>123,456</td>
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<td>32</td>
<td>Swailsby Bros.</td>
<td>GW-4</td>
<td>663</td>
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<td>32</td>
<td>P. B. R.</td>
<td>C-5</td>
<td>789</td>
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<td>Q. B. R.</td>
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<td>34</td>
<td>Smith, Ranch Co.</td>
<td>GW-4</td>
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<td>36</td>
<td>C. F. R.</td>
<td>C-3</td>
<td>789</td>
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</tbody>
</table>

County: Smith Basin  
Twp.: 16S  
Rge.: 11E
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Robert S. Seguin, Stanford

County of Judith Basin, 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: water for stock since 1883

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): no irrigation

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: natural spring which flows into creek

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: allowed to run natural course

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: don't know

8. The depth of water table: don't know

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: don't know

10. The estimated amount of groundwater withdrawn each year: don't know

11. The log of formations encountered in the drilling of each well if available: don't know

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: don't know

Signature of Owner: Robert S. Seguin
Date: 12/3/65

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

Three copies to be filed 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 Appropriate.
No. 664

Robert J. Seguin
26.50 Sec. 12-16-11

State of Montana
County of Judith Basin

Filed this 20th day of December, A.D. 1965 at 10:30 o'clock A.M.

[Signature]
County Clerk.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Robert J. Seguin of Stanford, (Name of Appropriator) (Address) (Town)
   County of Judith Basin 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 and water for stock.

   3. Date of approximate date of earliest beneficial use; and how continuous the use has been: since 1863.

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

   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: to irrigate garden in accordance with Sec. 11, T. 16 R. 11 E.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: natural springs, one is piped into house; other runs a natural course into stream.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Don't know.

   8. The depth of water table: Don't know.

   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: Don't know.

   10. The estimated amount of groundwater withdrawn each year: Don't know.

   11. The log of formations encountered in the drilling of each well if available: Don't know.

   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: Don't know.

   Signature of Owner: Robert J. Seguin
   Date: 12/3/65

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.
Robert J. Seguin

2 Springs in Nw Ne
Sec. 13-16-11

State of Montana
County of Judith Basin

Filed this 20th day of
December A.D. 1965 at 10:35
A.M.

County Clerk.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. **Appropriator**
   - **Name:**
   - **Address:**
   - **Town:**
   - **County:**
   - **State:**
   - **File No.:**

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

2. **Beneficial Use**: 
   - **Description:**
   - **Location:**

3. **Date or Approximate Date of Earliest Beneficial Use**:
   - **Month:**
   - **Year:**
   - **Description:**

4. **Amount of Groundwater Claimed**:
   - **Units:**
   - **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**:
   - **Acreage:**
   - **Description:**
   - **Owner:**

6. **Means of Withdrawing Such Water from the Ground and the Location of Each Well or Other Means of Withdrawal**:
   - **Method:**
   - **Location:**

7. **Date of Commencement and Completion of Construction of Well, Wells, or Other Works for Withdrawal of Groundwater**:
   - **Month:**
   - **Year:**
   - **Description:**

8. **Depth of Water Table**:
   - **Measurement:**

9. **So Far as It May Be Available, Type, Size, and Depth of Each Well or the General Specifications of Any Other Works for the Withdrawal of Groundwater**:
   - **Type:**
   - **Size:**
   - **Depth:**
   - **Specifications:**

10. **Estimated Amount of Groundwater Withdrawn Each Year**:
    - **Measurement:**

11. **Log of Formations Encountered in Drilling of Each Well If Available**:
    - **Legend:**
    - **Description:**

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**:
    - **Details:**

Signature of Owner:

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

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

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

State of Montana
County of Judith Basin
Filed this 31st day of Nov.
A.D. 1965 at 2:00 P.M.

County Clerk

Fee $2.00 Paid.
**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**MONTANA WATER RESOURCES BOARD**

**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962

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

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

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

Owner: Gay Polzin

Address: Stanford, Montana

Date well started: June 16, 1972

Type of well: Drilled

Equipment used: Rotary

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

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

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Well Developed Date</th>
<th>Depth of Drilling (Feet)</th>
<th>Kind of casing (Feet)</th>
<th>KIND OF CASING</th>
<th>Depth of perforations (Feet)</th>
<th>Kind of shutoff</th>
<th>Number of casing (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/1/72</td>
<td>101</td>
<td>101</td>
<td>2/16&quot; Schedule 60 pipe</td>
<td>35 75 100</td>
<td>Slotted 75</td>
<td>60 90</td>
</tr>
</tbody>
</table>

Static water level: 2 ft

Pumping water level: 50 ft

at 600 gallons per minute, measured 20 minutes after pumping began.

*Measured from ground level.

Well developed by _driller_ for _10_ hours.

Power: _Diesel_ Pump: _25 HP_

Remarks: (Gravel packing, cementing, packers, type of shutoff, Rubber packers at _35", Sealed with 500 ft. cement-

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

EACH SMALL SQUARE REPRESENTS 10 ACRES.**

Driller's Signature: _Evelyn Weather_  

Driller's Address: 326  

Stanford, Montana  

LICENSE NO. 86

5/1/72 Show exact depth of bottom
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

Owner: Roy Polson
Address: Stanford, Montana

Date well started: June 16, 1972
Date well completed: July 6, 1972

Type of well: drilled
Equipment used: rotary

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and Weight of Casing</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>64 g</td>
<td>Schedule 40 P.V.C.</td>
<td>9/16&quot; holes</td>
<td>35</td>
<td>10</td>
</tr>
</tbody>
</table>

Static water level: 20 ft
Pumping water level: 50 ft
at 45 gallons per minute, measured 210 minutes after pumping began.

*Measured from ground level, well developed by bailor for 4 hours.
Power: 10 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature: [Signature]
Driller's Address: Box 328

County: Judith Basin
LICENSE NO: 66

Top of Ground

<table>
<thead>
<tr>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>12</td>
</tr>
<tr>
<td>12</td>
<td>32</td>
</tr>
<tr>
<td>32</td>
<td>100</td>
</tr>
</tbody>
</table>

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

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

STATE ENGINEER

1. Name of Appropriator (Address) (Town)
   County of Judith Basin 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:
      - 1. Stockwater
      - 2. Irrigation

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
      - 1. Stockwater
      - 2. Irrigation

   4. The amount of groundwater claimed (in miner's inches or gallons per minute):
      - 1. Stockwater
      - 2. Irrigation

   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:
      - Stockwater
      - Irrigation

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

   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

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.
SOUTH BY 385 ft.
Sec. 22-16-11
State of Montana
County of Judith Basin
Filed for record this 31st day of Dec. 4th, 1963
at 5:45 o'clock P.M.

County Clerk

For 12:00 P.M.
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
When land purchased by Judith Riedler
Owner: RW Ranch Address: Stanford, 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 springs - for livestock watering or natural flow sub-
irrigation

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.

all water from spring

Signature of Owner RW Ranch by Judith Riedler
Date: June 26, 1973

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

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

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

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

Filed for record this 29th
day of June A.D. 1973 at
4:20 p.m.

Delight Leslie
Co.Clk

[Signature]
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)

RECEIVED

JUL 3 1973

Date of Appropriation of Groundwater—When land purchased

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.

Natural Springs—For livestock
watering, natural flow sub-
irrigation and irrigation

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.

All water from springs

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

Signature of Owner...R.W. Ranch by Judith Fielder

Date: June 29, 1973

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

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

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

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

Filed for record this 29th day of June A.D. 1973 at 4:25 p.m.

Delight Leslie Co.Clk

Deputy
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1962

Owner: Shalton Ranch Co.
Address: Stanford, Montana

Contractor (if any): Fred Treadwell
Address of Contractor: Lewistown, Montana

Date Started: 1962
Date Completed: 1962

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

Dug down into spring and dug a pit.

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.

Flow approximately 150 gallons per minute

Signature of Owner: Shalton Ranch Company
Date: Dec. 30th, 1962

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
WATER APPROP
STANFORD V. SKALTON

SESHNV Sec. 24-16-11

122188

State of Montana
County of Judith Basin
Filed for record this 30th
day of Dec. A.D. 1963 at
10:30 o'clock A.M.
Delight Leslie, Clerk and Rec.

by

Res. $2.00 pd.
 STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Skelton Ranch Company
   (Name of Appropriator)
   Stanford
   (Town)
   Judith Basin
   (County)
   Montana
   (State)

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

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

3. Date or approximate date of earliest beneficial use and how continuous the use has been
   Drilled Well- Drilled by Ernie Young, Drilled in 1959.

4. The amount of groundwater claimed (in miner’s inches or gallons per minute)
   100 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
   Irrigates the lawn and the garden in the same land description as well is located

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal
   of groundwater
   Started in 1959 and completed that year

8. The depth of water table
   6 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
   Depth of well 30 ft. 5 inch galvanized well casing to the bottom of well. Two pumps are pumping water from this well all year, one for the house and one to a tank at the barn.

10. The estimated amount of groundwater withdrawn each year
    Not known

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

Skelton Ranch Company
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.

Originator to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriate.
Log of well

3 Ft to 5 Ft. Earth (Black)
5 Ft to 9 Ft. Light Sandstone
9 Ft to 18 Ft. Heavy Gravel
18 Ft to 24 Ft. Tight Cement
Sandstone & Gravel
24 Ft to 29 Ft. Tight Sandstone
29 Ft to 38 Gravel

File No. 287
Sec. No. 121957

Skelton Ranch Co.
By NE Sec. 24-16-12

State of Montana
County of Judith Basin

Filed this 10th day of December, A.D. 1963 at 1:50 o'clock P.M.

D. W. Clark
County Clerk.

Fee $2.00 paid
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Deleoso Barrow, of Windham
   County of Flathead, 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: Spring #1 and Spring #2 for livestock use.

   3. Date or approximate date of earliest beneficial use: and how continuous the use has been: Since appropriation, #1+2 use for livestock has been continuous.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): #1 and #2 have sufficient water for livestock, crop, and domestic.

   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: Stock water only.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: #1 and #2 natural flow springs.

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

   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: Natural flow #1 and #2.

   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: Deleoso Barrow
   Date: Dec 21, 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.
SUNDAY RACE
Sec. 26-16-11

State of Montana
County of Judith Basin
Filed for record this
31st day of December, 1963
at 5:05 o'clock P.M.
Delight Leslie, Clk & Seo.

by ________________________ Dep
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...June 29, 1973....

Owner: B. C. Schmitt Address: Stanford, 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 Springs - natural...

--- processes

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...figured...

at approximately 3 gals. per minute 4320 gals. per day

Signature of Owner: B. C. Schmitt

Date...June 29, 1973....

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

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

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

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

Filed for record this 29th
day of June A.D. 1973 at
3:05 p.m.

Delight Le slain Co.CIk.

Deputy
DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Suckle Bros.,
   of Westbank
   County of Judith Basin
   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: Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 1, 1961
   Continuous use for stockwater.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Water for 75 cows

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: Stockwater use only

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

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

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: Suckle Bros. By: H. C. Suckle
Date: Dec. 31, 1962

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
State of Montana
County of Judith Basin
Filed for record this 31st day of Dec., A.D. 1963
at 3:40 p.m. clock 2 M.
Delight Leslie, Clk & Rec.

by [Signature], [Position] Department
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: June 29, 1973

Owner: E. C. Schmitt
Address: Stanford, 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 Spring
Natural Processes

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. Figured

2 gals. per minute 2480 gals. per day

Signature of Owner: E. C. Schmitt
Date: June 29, 1973

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

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

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

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

Filed for record this 29th day of June A.D. 1973 at 3:10 p.m.

Delight Leslie Co.Clk

Mary Lee Bedell Deputy
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. Name of Appropriator
   B. E. Schmitt
   (Address)
   Judith Basin
   County of Judith Basin
   State of Montana

2. The beneficial use on which the claim is based
   Well No. 1 - Domestic, Well No. 2 - Stockwater

3. Date of earliest beneficial use; and continuous use since then
   Well No. 1, constructed in 1958, and well No. 2, dug 1959, continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   We claim all this water, which is about 15 gallons per minute

5. If used for irrigation, give the acreage and description of the lands
   We claim all this water, which is about 15 gallons per minute

6. The means of withdrawing such water from the ground and the location of each well
   Electric pumps on both Well No. 1 and No. 2

7. The date of commencement and completion of the construction of the well(s), if available
   Well No. 1, constructed in 1958
   Well No. 2, constructed in 1959

8. The depth of water table
   About 15 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 No. 1, about 15 ft. deep, dug with 4 ft. by 4 ft. concrete curbing
   Well No. 2, about 15 ft. deep, dug with 4 ft. by 4 ft. concrete curbing

10. The estimated amount of groundwater withdrawn each year
    Do not know

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

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
    N/A

Signature of Owner
B. E. Schmitt
Date 11-18-63

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

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

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

Filed for record this 19th day of Dec., 1965 at 1:30 o'clock
P.M.

Delight Leslie, Clerk and C.C.

by ______________________ Dep.

Fee $12.00 :p.
Form No. 15
S-60

T. 16 R. 11

County: Judith Basin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: George W. Carver
Address: Stanford, Montana

Driller: Thatcher Drilling Co.
Address: Stanford, Montana

Date Started: Oct. 20, 1961
Date Completed: Nov. 9, 1961

Location: Sec. 36 T. 16 R. 11 1/4 sec. NE 1/4

Type of well: Drilled
Equipment used: Rotary

Type of screen or perforations: Perforated by slots in pipe last eighty feet

Casing: 0 ft. to 505 ft. Type: Galv. Size: 2-

Casing: 0 ft. to 505 ft. Type: Size

Casing: 505 ft. to 105 ft. Type: Size

Perforated or screened: Ft. 505 to ft. 105. Ft. ______ to ft. ______

Type of screen or perforations: Perforated by slots in pipe last eighty feet

Static Water level, for non-flowing well: ______ feet.

Shut-in pressure, for flowing well: ______ lb./sq. in. on: ______

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)

Surf ace water was shut off with 3 bags of cement. A gate valve was installed 6 ft. below surface also, a 3/4 gate valve above ground to control flow.
### Log of Well

<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td></td>
<td>overburden</td>
</tr>
<tr>
<td>1</td>
<td>45</td>
<td></td>
<td>sand stone and sandy shale</td>
</tr>
<tr>
<td>45</td>
<td>118</td>
<td></td>
<td>red shale</td>
</tr>
<tr>
<td>118</td>
<td>124</td>
<td></td>
<td>sandstone</td>
</tr>
<tr>
<td>124</td>
<td>285</td>
<td></td>
<td>layers of sandstone and sandy shale</td>
</tr>
<tr>
<td>285</td>
<td>304</td>
<td></td>
<td>med. hard sandstone</td>
</tr>
<tr>
<td>304</td>
<td>315</td>
<td></td>
<td>med. soft coarse sandstone</td>
</tr>
<tr>
<td>315</td>
<td>326</td>
<td></td>
<td>hard sandstone</td>
</tr>
<tr>
<td>326</td>
<td>366</td>
<td></td>
<td>hard sandstone with thin white talc layers</td>
</tr>
<tr>
<td>366</td>
<td>373</td>
<td></td>
<td>very hard fine sandstone</td>
</tr>
<tr>
<td>373</td>
<td>398</td>
<td></td>
<td>soft coarse sandstone produces water 5 - 7 gal. per min.</td>
</tr>
<tr>
<td>398</td>
<td>405</td>
<td></td>
<td>hard sandstone</td>
</tr>
</tbody>
</table>

*Filing for record Nov. 20, 1961 at 11:00 A.M.* Water Well Log No. 71
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

JAN 15 1964

1. GEORGE W. CARTER of Box 4, Stanford
(Name of Appropriator) (Address) (Town)
County of Judith Basin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
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</table>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...Continuous since Farm Purchase, Oct. 1960.

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

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

6. 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: Has been a spring.

8. The depth of water table: Groundlevel

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: Natural spring.

10. The estimated amount of groundwater withdrawn each year: 200,000 gallons Approx.

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: N/A

Signature of Owner

Date: December 30, 1963

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
West 160, Northwest 1/4
GEO. W. CARTER
Sec. 36-16-11

State of Montana
County of Judith Basin
Filed for record this
31st day of Dec., 1963
at 11:25 o'clock A.M.

Delight Leslie, Clerk and Rec.

Dee 12,00 p.m.
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Bailey Elvin 4004000
Resident Byron No 11
624-9 12/12/43-6
624-1 672-
624-2 768-
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Gertrude R. Ernst and Gene W. Ernst
(Name of Appropriator)

of

Stanford
(Address)

County of Judith Basin
(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

Stockwater

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

1938

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.

No irrigation

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

Windmill, hand pump, gasolene pump

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

Began in 1938 and completed in 1938

8. The depth of water table

16 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

Bag well with four foot casing

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

No log available

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


Signature of Owner

Date: Dec. 6th, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
No. 202

DECLARATION OF VESTED GROUND WATER RIGHTS
NE 1/4 SE 1/4 SE 1-16-12

Certified: R. Ernst and
Gene N. Ernst.

State of Montana
County of Judith Basin

Filed this 6th day of
December A. D. 1962 at 10:00
A.M.

Delbert Rude
County Clerk.

Fee $2.00 Paid.
## WATER WELL LOG

**Owner:** Irving Schmitt  
**Address:** Stanford, Montana

**Driller:** Fend Drilling Co.  
**Address:** Box 631, Stanford, Mont.

**Date Started:** 1-13-60  
**Date Completed:** 1-11-60

**Location:** Sec. 3  
**T.:** 16  
**R.:** 12  
**Sec.:** 1/4

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<th>Equipment used</th>
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<td>Rotary with air</td>
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<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Industrial</th>
<th>Drainage</th>
<th>Other:</th>
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<tr>
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<th>Steel</th>
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<th>Ft.</th>
<th>Perforated:</th>
<th>to ft</th>
<th>60&quot; to 100&quot;</th>
<th>Ft.</th>
<th>to ft</th>
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<th>Static Water level, for non-flowing well:</th>
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<th>Shut-In pressure, for flowing well:</th>
<th>1 lb/sq. in. on:</th>
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<td>(date)</td>
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<th>Pumping water level:</th>
<th>56 ft. feet at 30 gal. gal. per min. 1 hr.</th>
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<td>How tested:</td>
<td>Pumped with 580 cu inch comp.</td>
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<th>Length of test:</th>
<th>three tests @ one hour each entry</th>
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Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

- Ran 7" casing 30 ft. cased off surface gravel & boulders.
- Ran 1/2" plastic casing 100 ft. with 60 ft. of 1/2 inch drilled holes.
- Well pumped 2 1/2 inch pipe full for 1 hour. Water was clean and clear.

(over)
## Log of Well

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<th>To</th>
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<td>Bravel and Boulders</td>
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<td>26</td>
<td>41</td>
<td>Cemented gravel</td>
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<tr>
<td>41</td>
<td>42</td>
<td>(seep water) soft sandstone</td>
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<tr>
<td>42</td>
<td>73</td>
<td>Hard Blue clay</td>
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<td>73</td>
<td>75</td>
<td>Soft sand rock with water</td>
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<tr>
<td>75</td>
<td>93</td>
<td>Blue clay with rock stringers &amp; benite</td>
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<td>93</td>
<td>95</td>
<td>Sandstone with water</td>
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<tr>
<td>95</td>
<td>100</td>
<td>Soft benite with rock stringers</td>
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**WATER WELL LOG**

**STATE ENGINEER**

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<td>Drillers</td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td></td>
</tr>
<tr>
<td>Date Completed</td>
<td></td>
</tr>
<tr>
<td>Location</td>
<td></td>
</tr>
<tr>
<td>Type of well</td>
<td></td>
</tr>
<tr>
<td>Equipment used</td>
<td></td>
</tr>
<tr>
<td>Water use</td>
<td></td>
</tr>
<tr>
<td>Industrial</td>
<td></td>
</tr>
<tr>
<td>Municipal</td>
<td></td>
</tr>
<tr>
<td>Stock</td>
<td></td>
</tr>
<tr>
<td>Irrigation</td>
<td></td>
</tr>
<tr>
<td>Drainage</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
<tr>
<td>Casing (ft. to ft.)</td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Size</td>
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</tr>
<tr>
<td>Casing (ft. to ft.)</td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Size</td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened (ft. to ft.)</td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well</td>
<td>feet</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well</td>
<td>30 lb./sq. in. on: Aug. 1961</td>
</tr>
<tr>
<td>Pumping water level feet at gal. per min.</td>
<td></td>
</tr>
<tr>
<td>How tested</td>
<td></td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
</tr>
<tr>
<td>Remarks</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
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(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
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<td>0</td>
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<td>Drift.</td>
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<td>76</td>
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<td>Blue shale and sandstone.</td>
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<td>236</td>
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<td>Sandstone and bentonite layers.</td>
</tr>
<tr>
<td>236</td>
<td>111</td>
<td></td>
<td>lt. hard sandstone and bentonite</td>
</tr>
<tr>
<td>111</td>
<td>114</td>
<td></td>
<td>Hard sanded sandstone and bentonite layers.</td>
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<td>114</td>
<td>143</td>
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<td>Gray shale and hard sandstone.</td>
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<td>143</td>
<td>162</td>
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<td>. . . bentonite layer.</td>
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<tr>
<td>162</td>
<td>213</td>
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<td>Gray shale and sandstone.</td>
</tr>
<tr>
<td>213</td>
<td>339</td>
<td></td>
<td>sand and gray shale.</td>
</tr>
<tr>
<td>339</td>
<td>350</td>
<td></td>
<td>sand and ( water )</td>
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<tr>
<td>350</td>
<td>378</td>
<td></td>
<td>gray shale and layers ( water )</td>
</tr>
<tr>
<td>378</td>
<td></td>
<td></td>
<td>( gas, pov )</td>
</tr>
</tbody>
</table>

Filed this 28th day of Dec., 1961 W.W. Lot #89