STATE OF MONTANA
County of Dawson
Filed for record this ______ day of ____________________________
County Clerk & Recorder

[Signature]
[Date]
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. Ben Rahr, of Glendive, Dawson County, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use: 1941.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 16 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: None.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: No. 1, 1958, No. 2, 1959.

8. The depth of water table: No. 1, 30 ft, No. 2, 340 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: None.

10. The estimated amount of groundwater withdrawn each year: 5,000,000.

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

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

Signature of Owner: Ben Rahr
Date: Dec. 27, 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.
STATE OF MONTANA
County of Dawson

Filed for record this 27th day of December, A. D. 1963, at 12:00 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder.

By                Deputy.

[Signature]
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 filled 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: Don S. Decker
Address: Blomfield, MT

Date well started: 5-5-70
Date well completed: 5-18-70

Type of well: Dug

Equipment used: Churn Drill

Top of Ground Base

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Size (Feet)</th>
<th>Depth (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>491</td>
<td>6</td>
<td>18</td>
</tr>
<tr>
<td>491</td>
<td>123</td>
<td>18</td>
<td>8</td>
</tr>
<tr>
<td>123</td>
<td>140</td>
<td>18</td>
<td>6</td>
</tr>
<tr>
<td>140</td>
<td>157</td>
<td>18</td>
<td>2</td>
</tr>
</tbody>
</table>

Water Use: Domestic

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).

Static water level: 75 ft

Pumping water level: 75 ft

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

*Measured from ground level.

Well developed by: Cleanup

for 24 hours.

Power: Electric Pump: 1/2 HP

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

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: E. B. Rider
Driller's Address: E. B. Rider, Blomfield, MT

LICENSE NO. 151

Show exact depth of bottom

5/6/61
STATE OF MONTANA
County of Dawson
Filed for record this 24th day of November, 19__
At 12:30 o'clock P.M.
By Lloyd J. Russell
County Clerk & Recorder
By [Signature]
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Wilbur A. Jimerson
   (Name of Appropriator)
   of
   (Address)
   in
   (Town)
   of
   (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: Home and Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 1, 1955
daily

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 40 gpm

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 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: 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

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 references to book and page of any county record:

Signature of Owner: Wilbur A. Jimerson
Date: 12/31/63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well Developed after January 1, 1963

Owner: Edward T. Jonutis
Address: Glendive, Montana

Driller: Abraham Water Well
Address: Glendive, Montana

Date of Notice of appropriation of groundwater: July 21, 1969
Date well started: 9-9-1967
Date completed: 9-11-1967

Type of well: Drilled
Equipment used: Rotary
(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.

Static Water Level for non-flowing well 32 ft
Shut-in Pressure for flowing well 50 ft
Pumping Water Level 35 ft at 7 gal. per minute
Discharge in gal. per min. of flowing well 71 gal.

Length of Test: 2 Hours

Remarks: (Gravel packing, cementing, packer, type of shutoff)...Casing to ground was sealed by cementing

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).

Well is utilized for irrigating trees and yard around house...

Driller's license number

Owner: Edward T. Jonutis

Driller's signature
<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Value</td>
</tr>
<tr>
<td>Description</td>
<td>Value</td>
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<tr>
<td>Description</td>
<td>Value</td>
</tr>
<tr>
<td>Description</td>
<td>Value</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

Notice of appropriation of groundwater...[Date of Notice]...

Date well started: [Date]
Date completed: [Date]

Type of well: Drilled
Equipment used: Rotary

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., showing depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Depth (Feet)</th>
<th>Diameter (Inches)</th>
<th>Flow Rate (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; x 150&quot;</td>
<td>128/114 ft.</td>
<td>4&quot;</td>
<td>122 ft.</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 30 ft.
Shut-in Pressure for Flowing Well: NA
Pumping Water Level: 114 ft.
Discharge in gal. per min. of flowing well: NA

How Tested: Bailing
Length of Test: 2 Hours
Remarks: (Gravel packing, cementing, packers, type of shut-off). CEMENTING

(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).

Show exact depth of bottom.
APPLICATION FOR PERMIT TO EXPOSE A WELL

STATE OF MONTANA
County of Dawson
Filed for record this 22 day of July, A.D. 1967
By: Deputy

[Signature]

[County Clerk & Recorder]
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Dec. 27, 63
Owner: Cal WYSE
Address: Glendive
Contractor (if any): None
Address of Contractor: 
Date Started: Oct. 12, 63
Date Completed: Oct. 15, 63

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

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

Signature of Owner: Cal WYSE
Date: Dec. 31, 63

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

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

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

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

Filed for record this 31st day of
December, A.D. 1962, at
2 p.m., o'clock A.M.

Gordon J. Russell
County Clerk and Recorder.

By: Ray Schulte
Deputy.
Form No. 18
8-60

DEC 27 1981
10: A.M.

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

Owner: Calvin and Carol Lee Wisse
Address: Glendive, Mont.

Driller: Russell Crest
Address: Glendive, Mont.

Date Started: July 10, 1951
Date Completed: July 19, 1951

Location: Sec. 17 T. 16 R. 55 1/4 sec. SW 1/4 NE

<table>
<thead>
<tr>
<th>Form No. 18</th>
<th>T.</th>
<th>R.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>16</td>
<td>55</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>County</th>
<th>Dawson</th>
</tr>
</thead>
</table>

---

**Type of well:** Artesian-counch

**Equipment used:** churn

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

**Industrial** [✓] Drainage [✓] Other [✓]

Casing: 0 ft. to 40 ft. Type: Black iron Size: 4 inches

Casing: 40 ft. to 175 ft. Type: Galvanized Size: 1 1/4 inches

Casing: ______ ft. to ______ ft. Type: ______ Size: ______

Perforated or screened: Ft. 160 to Ft. 175. Ft. ______ to ______

**Type of screen or perforations:** Slot cut in casing

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: WAS NOT TESTED

Length of test ______

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

No packing, casing drove in - shut off valve at bilow ground.

Casing closed at top with 1/2' copper tubing coming out of it and going back into ground. Tied off to house and to the static water tank.

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1' to 10'</td>
<td>OVERBURDEN</td>
</tr>
<tr>
<td>10' to 16'</td>
<td>GRAVEL</td>
</tr>
<tr>
<td>15' to 2?</td>
<td>SHALE BLUE-GREY</td>
</tr>
<tr>
<td>2? to 176'</td>
<td>SMALL VEIN OF COAL</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: **approximately 1957**

Owner: **none on record**

Address: ..............................................

Contractor (if any): **L. P. Kniazkov**

Address of Contractor: ..................................

Date Started: 1957  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. **Sub-irrigation mound pit, wood-lined with gravel bottom. Water level about 5 feet below ground level, fluctuates with river level.**

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. **Intermittent use during months of May, June and July for irrigation of shelter belt and yard trees. Approximately 1200 gallons at 10-day intervals.**

Signature of Owner: ..................................

Date: December 31, 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 Appropriate.
STATE OF MONTANA
County of Dawson

Filed for record this 31st day of December A.D. 1963, at 4:00 o'clock P.M.

[Signature]
County Clerk and Recorder.

By __________________________  Deputy.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1982

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

Owner: THOMAS W. ZELLEN
Address: 845 S. 521
Driller: C. H. STARR
Address: 13011 NW 48th

Date of Notice of appropriation of groundwater: 7-25-72
Date well started: 8-2-72
Type of well: Drilled
Equipment used: Churn Drill
Water use: Domestic

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 (Feet)</th>
<th>Strata Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 1/4&quot;</td>
<td>sand, gravel, rock, sand</td>
</tr>
<tr>
<td>11&quot;</td>
<td>gravel, sand, gravel, sand</td>
</tr>
<tr>
<td>112'</td>
<td>water sand</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 65 feet

Shut-in Pressure for Flowing Well: 80 feet

Pumping Water Level: 90 feet

Discharge in gal. per minute: 8 gal. per minute

How Tested: Balancing

Length of Test: 1 hour

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

Driller's License Number: [Redacted]
Driller's Signature: [Redacted]

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

Please correct the Notice of Completion of Groundwater Appropriation sent to you recently for Thomas W. Holm to read: Section 11, Township 16 North, Range 55 East.

Gordon W. Russell
Clerk and Recorder

RECEIVED
AUG 17, 1972

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

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

Driller's License Number
Driller's Signature
As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

**Special Instructions:**

Please provide, as indicated in red on the attached form, the following filing information: Day, month, year, hour and minute of filing.

Thank you.

---

![Groundwater Code Form](image-url)

<table>
<thead>
<tr>
<th>Drilled Date</th>
<th>Site and Weight of Case</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/5</td>
<td>4&quot;</td>
<td>0</td>
<td>12</td>
</tr>
<tr>
<td>4/5</td>
<td>6&quot;</td>
<td>0</td>
<td>22</td>
</tr>
</tbody>
</table>

- **Static Water Level for non-flowing well:** 55 feet.
- **Shut-in Pressure for Flowing Well:**
- **Pumping Water Level:** 40 feet at 8 gal. per minute.
- **Discharge in gal. per min. of flowing well**
- **How Tested:**
- **Length of Test:**
- **Remarks:** (Gravel packing, cementing, packers, type of shutoff).
- **USE—If used for irrigation, industrial, drainage or other.**

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

112. Show exact depth of bottom.

Driller's License Number: C. H. Stan

Driller's Signature: 5/14/8
Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1982

(State of Montana Department of Natural Resources and Conservation Board)

Size of Drilled Hole

<table>
<thead>
<tr>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5½&quot; x 140' 6&quot;</td>
<td>0</td>
<td>112</td>
</tr>
<tr>
<td>4&quot; 17'</td>
<td>0</td>
<td>22</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 65 feet.

Shut-in Pressure for Flowing Well:

Pumping Water Level: 70 feet at 8 gal. per minute.

Discharge in gal. per min. of flowing well: 10.2 gal.

How Tested: Balance

Length of Test: 11.61

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

The diagram shows the character and thickness of the different strata met 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.

Show exact depth of bottom.
316722

STATE OF MONTANA

County of Dawson

Filed for record this 1st day of August A.D. 19... at

County Clerk's Office

County Clerk Recorded

By Thaddeus H. Hudson Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

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

(Name of Appropriator) of (Address) (Town)
County of (County) State of (State)

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:
   Field & House

2. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   2. The beneficial use on which the claim is based:

3. The amount of groundwater claimed (in miner's inches or 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:
   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

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 estimated amount of groundwater withdrawn each year:

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

Date of Appropriation of Groundwater...both about 1961
Angelo Crisafulli
Owner.
Address...Glendive, Montana
Contractor (if any)...none
Address of Contractor...Glendive, Montana
Date Started...Oct. 1, 1962
Date Completed...Oct. 3, 1962
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Both by gravity system

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.

Both 10 gallons per minute and used
year around

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

Joe, Frank, & Angelo Crisafulli
Signature of Owner
Date. November 18, 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 \\ 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 Appriopriator.
STATE OF MONTANA
County of Dawson

Filed for record this _12th_ day of
December, A. D. 1963, at
9:00 o’clock A.M.

Gordon F. Russell
County Clerk and Recorder.

By:  Chas. H. Petty
Deputy.

See Vol. 2.
**Notice of Completion of Groundwater Appropriation Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>John C. Hoek</td>
<td>Trinidad, Mont</td>
</tr>
</tbody>
</table>

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.

```
from natural springs
```

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.

```
each spring is capable of furnishing water for one hundred head of cattle per day the year around
```

Signature of Owner

Date

---

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

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

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

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

Filed for record this 31st day of December, A. D. 1963, at 9:30 o'clock A. M.

Jas. W. Russell
County Clerk and Recorder.

By ________________________ Deputy.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 21, Montana Session Laws, 1961)

Dawson County Municipal Airport

Driller: Gene Johnson & Sons

Date of Notice of Appropriation of Groundwater: 12/21/63
Date well started: 12/1/63
Date Completed: 12/21/63

Type of well: Drilled
Equipment Used: Spudder

Water Use: Domestic

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.

Static Water Level for non-flowing Well: 54 feet.
Shut-in Pressure for Flowing Well:...
Pumping Water Level: 90 feet at 6 gal. per minute.
Discharge in gal. per min. of flowing well:...
How Tested: Driller
Length of Test: 3 hours

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).

Notes: This plateau of approximately 10 square miles has a dry gravel cover. The waters of this aquifer is being drained into lower aquifers by hundreds of shotholes.

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 Dawson
Filed for record this 31st day of January A.D. 1969
at 3:15 o'clock M.

John Q. Public
County Clerk & Recorder
By: ________________ Deputy
STATE OF MONTANA,  
County of Dawson.  
I HEREBY CERTIFY That the foregoing instrument was filed for record in the County of Dawson on this 29th day of December, 19__ at __ o'clock A.M. and is duly recorded in Book P-5 Page ______.  

Fee Paid $____.00  

Return To State Engineer  
Address Helena, Montana  

Iowa:  

<table>
<thead>
<tr>
<th>N</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Each small square represents 10 acres.

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: 

19__

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

7 gallons per min

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

None

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: 

19__

8. The depth of water table: 

60 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: 

172 feet 4-inch casing

10. The estimated amount of groundwater withdrawn each year: 

400,000 gals.

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: John C. Yost  
Date: December 29, 19__

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Approprietor.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

John C. Horst
of 210 W. Towne
Glandive.

(Name of Appropriator)
(Address)
(Town)

County of Dawson
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 School of Mines 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)

Cottonwood Country Club
(Name of Appropriator)
Glenview
(Address)
Montana
(Town)

County of Dawson

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: Normal Country Club house use.

2. Date or approximate date of earliest beneficial use and how continuous the use has been: June, 1961, continuous to present.

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 30 gals./min.

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

5. The depth of water table: 350' approximately.

6. The estimated amount of groundwater withdrawn each year: 500,000 gals.

7. The log of formations encountered in the drilling of each well if available: None producing from the Colgate Sand.

8. 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: Cottonwood Country Club
Date: February 19, 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 Dawson

Filed for record this 19th day of March A. D. 1962, at
3:00 o'clock P.M.

[Signature]
County Clerk and Recorder.

By: [Signature]
Deputy.
**WATER WELL LOG**

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

<table>
<thead>
<tr>
<th>Water use:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</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>Industrial</td>
<td></td>
</tr>
<tr>
<td>Drainage</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to</th>
<th>ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
<td>231</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft to Ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>210</td>
<td>230</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gravel packing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>lb/sq. in. on: (date)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>feet at</th>
<th>gal. per min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>120</td>
<td>90</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Failed</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length of test:</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 ft.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dollar seal (2) 130'</td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0 to 2</td>
<td>Fill</td>
</tr>
<tr>
<td>From 2 to 8</td>
<td>Firm sand</td>
</tr>
<tr>
<td>From 8 to 13</td>
<td>Hard rock</td>
</tr>
<tr>
<td>From 13 to 24</td>
<td>Brown sand</td>
</tr>
<tr>
<td>From 24 to 45</td>
<td>Clay</td>
</tr>
<tr>
<td>From 45 to 70</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>From 70 to 89</td>
<td>Clay and silt and small amount of water</td>
</tr>
<tr>
<td>From 89 to 145</td>
<td>Clay and loam</td>
</tr>
<tr>
<td>From 145 to 145 7/8</td>
<td>Rock to fine sand</td>
</tr>
<tr>
<td>From 145 7/8 to 178</td>
<td>Clay</td>
</tr>
<tr>
<td>From 178 to 188</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>From 188 to 217</td>
<td>Sandy clay and silt</td>
</tr>
<tr>
<td>From 217 to 225</td>
<td>Sand</td>
</tr>
<tr>
<td>From 225 to 231</td>
<td>Clay</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner: [Name and Address]
Driller: [Name and Address]

Date of Notice of appropriation of groundwater: [Date]
Date well started: [Date]
Date completed: [Date]

Type of well: [Drilled, driven, bored or drilled]
Equipment used: [Churn drill, rotary or other]

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

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, sand, 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: [Depth in feet]
Shut-In Pressure for flowing well: [Pressure in psi]
Pumping Water Level: [Depth in feet]
Discharge in gal. per min. of flowing well: [Discharge in gal/min]

How Tested: [Method of Testing]
Length of Test: [Duration in days]
Remarks: (Gravel backfilling, cementing, packers, type of shutoff)

[Diagram of well site with exact depths indicated]

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: [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, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: __________________________ Address: __________________________
Driller: __________________________ Address: __________________________

Date of Notice of appropriation of groundwater: __________________________
Date well started: __________________________ Date completed: __________________________

Type of well: . . . . Drilled Equipment used: . . . .
(type: dug, driven, bored or drilled) (Churn drill, rotary or other)

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.

**Perforations**

<table>
<thead>
<tr>
<th>Size of Drilled Hole (In)</th>
<th>Size and Weight of Drill (Lb)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/16</td>
<td>1/2</td>
<td>0</td>
<td>144</td>
</tr>
<tr>
<td>4</td>
<td>8</td>
<td>0</td>
<td>144</td>
</tr>
<tr>
<td>11/16</td>
<td>144</td>
<td>0</td>
<td>144</td>
</tr>
<tr>
<td>1/2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**Diagram**

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

**Shut-In Pressure for Flowing Well**

Pumping Water Level: 95 feet

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

How Tested: __________________________

Length of Test: __________________________

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

**Gravel Interval 4.1**

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: __________________________

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, tissues copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA
County of Dawson
Filed for record this 16th day of

County Clerk & Recorder

Deputy
Declaration of Vested Groundwater Rights

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

I, Mary & Joe Grisafulli & Sons, of Glendive, Dawson County, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1960, as follows:

<table>
<thead>
<tr>
<th>A</th>
<th>NEQ</th>
<th>22</th>
<th>16</th>
<th>55</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCD</td>
<td>SE</td>
<td>22</td>
<td>16</td>
<td>R 55</td>
</tr>
</tbody>
</table>

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

2. The beneficial use on which the claim is based: Stock, Dairy, and Residential, and irrigation water.

3. Date of appropriation: May, 1929; date of earliest beneficial use: May, 1929; date of continuous use: May, 1929.

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

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 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:

8. The depth of the water table: From a 6-foot to 150-foot deep.

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

10. The estimated amount of groundwater withdrawn each year: 150 acre ft 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:

Mary and Joe Grisafulli & Sons
Signature of Owner
Date: November 16, 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

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

Date of Appropriation of Groundwater: about 1923
Mary Crisafulli
Owner
Address: Glendive, Montana

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.

Flowing spring and comes out of the bank

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.

used year around

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

NE Sec. 22 T16 R55

Mary, Joe Crisafulli and Frank and Angelo Crisafulli
Signature of Owner
Date: November 18, 1963

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

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

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

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

Filed for record this 19th day of

November A.D. 1965, at

9:00 o'clock A.M.

Leroy W. Russell
County Clerk and Recorder.

By Alex Huston, Deputy.

Filed p. 22
## WATER WELL LOG

### Owner
- **Ed Rostetter**

### Driller
- **H.H. Gavin**

### Date Started
- **Sept 15 - 1960**

### Date Completed
- **Oct 20 - 1960**

### Location
- **Sec. 29 T. 16 R. 55 § 1/4 S.W.**

### Type of Well
- **Drilled**

### Equipment Used
- **Churn**

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

### Casing
- **0 ft. to 154 ft.**
  - **Type:** Plastic
  - **Size:** 4"

### Perforated or Screened
- **3 5" round holes in casing, factory made**

### Static Water Level
- **96 feet**

### Shut-In Pressure
- **lb./sq. in. on: [ ]**

### Pumping Water Level
- **100 feet at 6 gal. per min.**

### How Tested
- **Sluice bucket**

### Length of Test
- **Two hours**

### Remarks
- GRavel packing, cementing, packers, type of shut-off, depth of shut-off

---

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0–90</td>
<td>mixture of sand and clay</td>
</tr>
<tr>
<td>90–130</td>
<td>clay with a few thin layers of sand</td>
</tr>
<tr>
<td>130–154</td>
<td>mostly sand with a few layers of clay</td>
</tr>
</tbody>
</table>
Form No. 18
8-60

T. 16 R. 55
County DAWSON

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Ed Gastetler Address Glendale, Montana
Driller H. J. Gavin Address Lindsay, Montana
Date Started Sept. 15, 1960 Date Completed Sept. 20, 1960
Location: Sec. 22 T. 16 R. 55 1/4 sec. S.W.

Type of well drilled Equipment used churn

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

Casing: 0 ft. to 15 ft. Type plastic Size 4"
Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 75 to Ft. 154
Type of screen or perforations 1/4" round holes in casing, factory made

Static Water level, for non-flowing well: 90 feet.
Shut-in pressure, for flowing well: lb./sq. in. on:

Pumping water level 100 feet at 6 gal. per min.

How tested: slush bucket
Length of test two hours
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 0</td>
<td>To 90</td>
</tr>
<tr>
<td>90</td>
<td>130</td>
</tr>
<tr>
<td>130</td>
<td>154</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: 1947

Owner: Ruth Christie

Contractor (if any): Stone - all natural

Address of Contractor: Stone

Date Started: Date Completed:

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

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

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

Signature of Owner: Ruth Christie

Date: July 18, 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 Montana Bureau of Mines and Geology and Quadraplicate for the Appropriator.
STATE OF MONTANA
County of Dawson

Filed for record this 19th day of Aug. A.D. 1943, at 9:30 o'clock A.M.

Landor W. Russell
County Clerk and Recorder.

By Ann Quincy, Deputy.

284740
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Rachel O'Neastaad of Box 155, Helena
   (Name of Appropriator) (Address) (Town)

County of Dawson 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 withdrawn (in miner's inches or gallons)

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

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

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.
Notice of Completion of Groundwater Appropriation

DEVELOPED JANUARY 2, 1969
(Under Chapter 99, Montana Session Laws, 1961)

Dat are of Notice of appropriation of groundwater...

Date well started: 12/20/48  Date completed: 12/24/48

Type of well: Drilled  Equipment used: Cable Tool
(Dog, driven, bored or drilled) (Churn drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.56&quot;</td>
<td>4½&quot; 0.00</td>
<td>0</td>
<td>147</td>
<td>Holes 3½&quot;</td>
</tr>
<tr>
<td></td>
<td>10 1/64</td>
<td></td>
<td></td>
<td>110 147</td>
</tr>
</tbody>
</table>

---

Static Water Level for flowing well...
Shut-in Pressure for flowing well...
Pumping Water Level: 138 feet at 10 gal. per minute.
Discharge in gal. per min. of flowing well...
How Tested: Boiler...
Length of Test: 1 ½ hours...
Remarks: (Gravel packing, cementing, packers, type of shutoff)...

Casings is Cemented...

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

NE 44, Sec. 22, T. 56 N., R. 55 E.

(Continue on reverse side)

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

Residential Tract...

154 acres

Driller's License Number: 45,133

Driller's Signature: [Signature]
**Driller's Log**

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

<table>
<thead>
<tr>
<th>Top of Ground (Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
<tr>
<td>22</td>
</tr>
<tr>
<td>50</td>
</tr>
</tbody>
</table>

**State of Montana**
**Montana Water Resources Board**

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

Developed after January 1, 1966

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

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

AMERICAN OIL COMPANY

**Address**

BILLINGS, MONTANA

**Date well started**

5/14/71

**Completed**

5/14/71

**Type of well**

Drilled

**(Drill, auger, bored or drilled)**

**Equipment used**

Air rotary

**(Chisel drill, rotary or other)**

**Water use**

Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

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

Describe

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

**Estimated annual withdrawal**

<table>
<thead>
<tr>
<th>Size and Depth (In.)</th>
<th>Size and Depth of Casing (In.)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot; 6&quot; ID 8 24</td>
<td>6&quot; 5&quot; OD 20 80</td>
<td>Slots 1/6&quot;</td>
<td>60 80</td>
</tr>
</tbody>
</table>

**Static water level** 35 ft.

**Pumping water level** 63 ft. at 10 gallons per minute, measured 68 minutes after pumping began.

**Power**

Pump: HP

**Remarks**

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

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

**Driller's signature**

Johnson, Terry, Montana

**Driller's address**

TERRY, MONTANA

**License number**

89

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
Address

Top of Ground

---

<table>
<thead>
<tr>
<th>Water Use</th>
<th>1st Drilled</th>
<th>2nd Drilled</th>
<th>3rd Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>0</td>
<td>98</td>
<td></td>
</tr>
</tbody>
</table>

Driller's Signature: CH Warn
Driller's Address: Box 183, Belgrade, Montana

LICENSE NO. 118

103 Show exact depth of bottom

4/4/08
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODES
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 _____________________________

Address _____________________________

File No. 106-11

Date well started 6-5-70

completed 6-17-70

Typ. of well Drilled

Equipment used.

Water Use: Domestic X 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 6,000 gallons

<table>
<thead>
<tr>
<th>Size of Well</th>
<th>Rate of Flow</th>
<th>Depth of Cutting</th>
<th>Flow</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>4&quot;</td>
<td>0</td>
<td>98</td>
<td></td>
</tr>
</tbody>
</table>

Static water level

Pumping water level

*Measured from ground level

Well developed by drilling

for ________ hours.

Power: ________ HP

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

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

EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature _____________________________

Driller's Address 345-1153 - Blanchine, Montana

LICENSE NO. 16-8

Show exact depth of bottom 10-3

4-4-10-8
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: __________________________
Address: __________________________

Date well started: ____________

Completed: ____________

Type of well: ________

Equipment used: ________

Water Use: Domestic ________ Municipal ________ Stock ________ Irrigation ________

Industrial ________ Drainage ________ Other ________ Garden/Lawn ________

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

ESTIMATED ANNUAL WITHDRAWAL: ________

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

Static water level ________
Pumping water level ________

*Measured from ground level

Well developed by ________ for ________ hours.

Power: ________ Pump: ________ HP

Remarks: (Cement packing, cementing, packers, etc.) ________

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

Driller's Signature: __________________________

Driller's Address: __________________________

County: ________

LICENSE NO. ________

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: Kenneth King

Date well started: 3-26-70

Date well completed: 4-2-70

Type of well: Drilled

Equipment used: Churn Drill

Water Use: Domestic □ Municipal □ Stock □ Irrigation □

Industrial □ Drainage □ Other □ Garden/Lawn □

*Describe __________________________

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Tubing</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td></td>
<td>0'-44'</td>
<td></td>
</tr>
<tr>
<td>5&quot;</td>
<td></td>
<td>125'-141'</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 8'5" ft. above sea level

Pumping water level: 1'10" ft. above sea level

at ______________gallons per minute measured ________minutes after pumping began.

*Measured from ground level.

Well developed by ______________for ____________hours.

Power: ______________ HP

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

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

Each small square represents 40 acres.

Driller's Signature: Robert A. Breggett

Licence No: 6-5

County: Dawson

Driller's Address: 6 R. F. Drilling Int.

Show exact depth of bottom

52,846
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Eugene S. Aby
Box 397
Glendive, Montana

County of Dawson
State of Montana

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

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   - About 1945

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   - 10 gals 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:
   - None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - 1945

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:
   - Depth 96 feet, 4 inch 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:
    - Unknown

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:
    - Unknown

Signature of Owner:

Date: December 31, 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.

File No. STATE WATER CONSERVATION BOARD
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

Eugene S. Aby
Box 397
Glendive, Montana

County of Dawson
State of Montana

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

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   - About 1945

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   - 10 gals 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:
   - None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - 1945

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:
   - Depth 96 feet, 4 inch 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:
    - Unknown

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:
    - Unknown

Signature of Owner:

Date: December 31, 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.
STATE OF MONTANA
County of Dawson
Filed for record the 31st day of December, 1942, at 
4:30 o'clock P.M.
David D. Russell
County Clerk & Recorder
By Alice Austin, Deputy
See p. 2
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: Gerald J. Miller
Address: Box 151
Driller's Name: Gerald J. Miller

Date well started: 10-15-71
Date well completed: 10-20-71

Type of well: Drilled
Equipment used: Cable Tool

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

*Describe _____________________________

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Chisel</th>
<th>From Foot</th>
<th>To Foot</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot; x 4&quot;</td>
<td>11' x 11'</td>
<td>0</td>
<td>145</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 127 ft
Pumping water level: 145 ft

*Measured from ground level.

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

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

Each small square represents 40 acres.

Driller's Signature: ______________________________
Driller's Address: Box 1183
LICENSE NO.: 168

COUNTY: Dawson

Driller's Log

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

<table>
<thead>
<tr>
<th>From Foot</th>
<th>To Foot</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>80.85</td>
</tr>
<tr>
<td>83.85</td>
<td>86.25</td>
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<tr>
<td>90</td>
<td>95</td>
</tr>
<tr>
<td>98.5</td>
<td>104</td>
</tr>
<tr>
<td>100</td>
<td>105</td>
</tr>
<tr>
<td>105</td>
<td>110.6</td>
</tr>
<tr>
<td>110.6</td>
<td>115.6</td>
</tr>
<tr>
<td>115.6</td>
<td>120</td>
</tr>
<tr>
<td>120</td>
<td>125</td>
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<td>160</td>
<td>165</td>
</tr>
<tr>
<td>165</td>
<td>170</td>
</tr>
</tbody>
</table>

49286

Show exact depth of bottom.
STATE OF MONTANA
County of Dawson
Filed for record this 28th day of
October, A.D. 1976 at
8:35 a.m., o'clock A.M.

By
County Clerk & Recorder
Deputy
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Northern Pacific Beneficial Association of Prospect Heights, Glendive, Montana
   (Name of Appropriator) (Address) (Town)

County of Dawson State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1889, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May, 1947.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Begun March, 1947, Completed May, 1947.

8. The depth of water table: 56 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: 2 inch drilled well 152 feet deep, cased to 130 feet.

10. The estimated amount of groundwater withdrawn each year: 13,000,000 gallons.

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

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: Principal use - Heating, Laundry, Cooking and sanitary facilities.

Signature of Owner: D. Peterson
Date: 6/24/63

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 Appropriator.
STATE OF MONTANA
County of Dawson

Filed for record this 17th day of April A.D. 1962, at 9 o'clock A.M.

[Signature]
County Clerk and Recorder.

By, [Signature]
Deputy.

Filed. 2-0-5
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. **C M DAWSON**, at **Box 170**
   - County: **Dawson**
   - State: **Montana**
   - **Dawson**

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **May 1960**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **27 GPM**

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: **100 acres**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **Drill 50 feet, 100 yards**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **1960**

8. The depth of water table: **85 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: **4 inch intake, 90 feet**

10. The estimated amount of groundwater withdrawn each year: **750,000 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 helpful in carrying out the purpose of this act, including reference to book and page of any county record:

   Signature of Owner: **C M DAWSON**
   Date: **Dec 31, 1963**

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

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

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

Filed for record this 31st day of December, A.D. 19__ at
4:30 o'clock P.M.

[Signature]
County Clerk and Recorder.

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

1. (Name of Appropriator) (Address) (Town)

2. The beneficial use on which the claim is based. COMMERCIAL
   For Business

3. Date or approximate date of earliest beneficial use, and how continuous
   the use has been.  ORIGINALLY USED FOR DRAINAGE
   For Appraisal,  Application, or Purchase by the
   Appropriator

4. The amount of groundwater claimed (in miner's inches or gallons
   per minute). 80 gal. per min.

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

6. The means of withdrawing such water from the ground and the loca-
   tion 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 with-
   drawal of groundwater.

8. The depth of water table. 10'

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. 130', Deep Well 6' Diameter

10. The estimated amount of groundwater withdrawn each year. Up To 80 gal. Min. Potential

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: Glendive Plaza, Inc.
Date: 12/31/62

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 Dawson

Filed for record this 31st day of
December A.D. 1952, at

[Signature]
County Clerk and Recorder.

By [Signature] Deputy.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 297, Montana Session Laws, 1961)

Owner: [Name]
Address: [Address]

Driller: [Name]
Address: [Address]

Date of Notice of Appropriation of Groundwater: [Date]
Date well started: [Date]
Date completed: [Date]

Type of well: [Drilled]
Equipment Used: [Hand-drill, Churn, drill rig, or other]

Water Use: Domestic [ ]
Municipal [ ]
Industrial [ ]
Other [ ]
Irrigation [ ]

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 in.</td>
<td>8 in.</td>
<td>0</td>
<td>80 ft.</td>
<td>NONE</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: [Depth] feet.
Shut-in Pressure for Flowing Well: [Pressure] feet at [Pressure] gal. per minute.
Pumping Water Level: [Depth] feet.
Discharge in gal. per min. of flowing well: [Flow Rate] gal. per minute.
How Tested: [Method]
Length of Test: [Time]
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].

Driller's License Number: [Number]
Driller's Signature: [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.
<table>
<thead>
<tr>
<th>Montesano</th>
<th>Time</th>
<th>Date</th>
<th>Cause of Death</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

STATE OF MONTANA
County of Dawson

Filed for record this 26th day of Dept. A.D. 1965, at 10:30 o'clock A.M.

Gordon W. Russell
County Clerk and Recorder.

By: Alice Austin, Deputy.

285083
**MONTANA BUREAU OF MINES AND GEOLOGY**

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>Rotary</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>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 8.4 ft.</th>
<th>Type:</th>
<th>Kelsey Bell</th>
<th>Size:</th>
<th>4/6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>76 ft. to 84 ft.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
<th>100 plus</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>20 feet</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Shut-In pressure, for flowing well:</th>
<th>54 lb./sq. in. on: (date)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>60 feet at 24 gal. per min</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Length of test:</th>
<th>27 ft.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
<th>Collar set @ 60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>0</td>
<td>Sandy soil</td>
</tr>
<tr>
<td>10</td>
<td>Gravel &amp; sand</td>
</tr>
<tr>
<td>22</td>
<td>Hard rock</td>
</tr>
<tr>
<td>23</td>
<td>Sand</td>
</tr>
<tr>
<td>26</td>
<td>Slate</td>
</tr>
<tr>
<td>46</td>
<td>Sand</td>
</tr>
<tr>
<td>48</td>
<td>Clay + fine sand</td>
</tr>
<tr>
<td>68</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>77</td>
<td>Sand</td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Newell</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Driller</td>
<td></td>
</tr>
<tr>
<td>City Address</td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td>4-3-61</td>
</tr>
<tr>
<td>Date Completed</td>
<td>4-3-61</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 26 T. 16 N R 55 S N sec. 5W 1/2 SW 1/4</td>
</tr>
</tbody>
</table>

Type of well: Drilled  
Equipment used: Rotary

Water use: Domestic [✓]  
Municipal [ ]  
Stock [ ]  
Irrigation [ ]

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 100 ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>90 ft. to 100 ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water level, for non-flowing well: 18 ft.
Shut-in pressure, for flowing well: __lb./sq. in. on: __ (date)
Pumping water level: 48 ft. feet at 2.5 gal. per min.
How tested: Bailed
Length of test: 1 hr.
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 8</td>
<td>Sandy jumbo</td>
</tr>
<tr>
<td>8 - 19</td>
<td>gravel &amp; sand</td>
</tr>
<tr>
<td>19 - 44</td>
<td>clay</td>
</tr>
<tr>
<td>44 - 60</td>
<td>sandy clay</td>
</tr>
<tr>
<td>50 - 64</td>
<td>clay</td>
</tr>
<tr>
<td>54 - 66</td>
<td>sand</td>
</tr>
<tr>
<td>66 - 81</td>
<td>sandy clay</td>
</tr>
<tr>
<td>81 - 91</td>
<td>sand</td>
</tr>
<tr>
<td>91 - 100</td>
<td>sandy clay &amp; traces of coal</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: M. D. Sweet
Address: Broadwater
Well: Water Well

Date of Notice of Appropriation of Groundwater

Type of Well: Drilled
Equipment Used: Drilling

Water Use: Domestic

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.

Size of Drilled Hole

<table>
<thead>
<tr>
<th>Size and Weight of Casing</th>
<th>Feet</th>
<th>Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>4½ x 9½</td>
<td>0</td>
<td>10</td>
</tr>
</tbody>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Size</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>70</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal, per min, of flowing well

How Tested

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)

Metal ring packer @ 17

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

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.
STATE OF MONTANA
County of Dawson

Filed for record this 16th day of May A.D. 1962, at 1:00 o'clock P.M.

Handy W. Ryan
County Clerk and Recorder.

By: Anna Austin
Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

<table>
<thead>
<tr>
<th>Harry Bell, Jr.</th>
<th>of P. O. Box 459</th>
<th>Glendive</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name of Appropriator)</td>
<td>(Address)</td>
<td>(Town)</td>
</tr>
</tbody>
</table>

County of Dawson | State of 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: Household and Garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: January, 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 70 to 80 gallons (estimated)

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

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: Jan., 1960

8. The depth of water table: 42 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: 4" casing 48 ft. bottom 10 ft. perforated

10. The estimated amount of groundwater withdrawn each year: 40,000 gallons

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

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

Signature of Owner: 
Date: Sept. 4, 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 Dawson
Filed for record this 23rd day of September, A. D. 1965, at 2:00 o'clock P.M.

[Signature]
County Clerk and Recorder.

By __________________________ Deputy.

See pd. $2.00
October 1, 1963

State Engineer
Helena
Montana

Dear Sir:

Would you please insert "Second Jefferson School Addition" on the water well form of Harry Bell Jr. The Document No. is 285102 and was filed on the 23rd day of September, 1963.

Very truly yours,

Gordon W. Russell
Clerk & Recorder
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Richard F. Garney**
   - **Name of Appropriator**
   - **Address**
   - **Town**
   - **County** Dawson
   - **State** 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 use, and watering lawn and garden.

   3. Date or approximate date of earliest beneficial use: 1954. Use has been continuous.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 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: None.

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

   7. The date of commencement and completion of the construction of the well, well, or other works for withdrawal of groundwater: 1954.

   8. The depth of water table: 50 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: Drilled well, 200 feet deep with 8" top casing and 4" lower casing. Unknown if casing goes to bottom of well.

   10. The estimated amount of groundwater withdrawn each year: 500,000 gallons.

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

   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 December 12, 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.
STATE OF MONTANA
County of Dawson

Filed for record this 10th day of December, A.D. 1862, at 4:30 o'clock P.M.

Gordon F. Russell
County Clerk and Recorder.

By: George Brittain, Deputy.

Dec. 24th 1862
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Fred Carpenter,

(Signature of Appropriator)

County of.......

State of.. Mont.

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

<table>
<thead>
<tr>
<th>1.</th>
<th>2. The beneficial use on which the claim is based.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>House</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2.</th>
<th>3. Date or approximate date of earliest beneficial use; and how continuous the use has been.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug 15, 1956</td>
<td>for House</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3.</th>
<th>4. The amount of groundwater claimed (in miner's inches or gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 gallons per minute</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4.</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mont.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5.</th>
<th>6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Pump</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>6.</th>
<th>7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug 15, 1956</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>7.</th>
<th>8. The depth of water table</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 feet</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>8.</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Second well</td>
<td>100 lbs; depth 92 feet</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>9.</th>
<th>10. The estimated amount of groundwater withdrawn each year</th>
</tr>
</thead>
<tbody>
<tr>
<td>10,000</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>10.</th>
<th>11. The log of formations encountered in the drilling of each well if available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>11.</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signature of Owner: Fred Carpenter

Date: Dec 12, 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 Dawson

Filed for record this 12th day of December, A. D. 1964, at
6:00 o'clock A.M.

Gordon W. Russell
County Clerk and Recorder.

By ______________________ Deputy.
STATE OF MONTANA
"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: Jerry Greaves
Address: Medicine Pt.

Date well started: Oct 20-70
Date well completed: Oct 31-70

Type of well: Drilled

Equipment used: Celle Trail

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>Rate of Draw</th>
<th>Size of Pipe</th>
<th>Depth of Pipe</th>
<th>To (Feet)</th>
<th>8&quot;</th>
<th>10&quot;</th>
<th>20&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>51/2&quot; to 58&quot;</td>
<td>4&quot;</td>
<td>0</td>
<td>58</td>
<td>8&quot;</td>
<td>10&quot;</td>
<td>20&quot;</td>
</tr>
<tr>
<td>4&quot; to 60&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 30 ft.
Pumping water level: 60 ft.

*Measured from ground level.

Well developed by: Drilling for 2 hours.
Power: Pump HP
Remarks: Gravel packing, cementing, packers, type of shut-off

Driller's Signature: C H Starr
Driller's Address:  

LICENSE NO.: 168

4856
Recently a copy of a groundwater appropriation form,

- GW 1, Notice of Appropriation of Groundwater
- X GW 2, Notice of Completion of Groundwater Appropriation by means of Well
- GW 3, Notice of Completion of Groundwater Appropriation without Well
- GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner Larry Coons
Address Glendive, Montana 59330

Location T. R. S. Document No. 312640

This is to inform you that your GW form has been received and is complete as filed.

This is a request for additional information if available. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena. Please indicate the location of the well as to township, range and section. Also, please verify ownership name and address. Thank you.

Other.

RECEIVED
MAY 5 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Driller's Signature
Driller's Address

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

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

License No. 168

Show exact depth of bottom
**NOTICE OF COMPLETION OF GROUNDWATER EXTRACTION BY MEANS OF WELL**

*Date of Completion: June 22, 1971*  

---

**Owner:** Larry Jones  
**Address:**  

**Well Number:** GW1  
**Date Well Started:** June 20, 1971  
**Date Well Completed:** June 31, 1971  

**Type of Well:** Drilled  
**Equipment Used:** Cable Tool  
**Water Use:** Domestic

---

**Static Water Level:** 30 ft.  
**Pumping Water Level:** 44 ft.  
**Flow Rate:** 6 gallons per minute, measured 4 minutes after pumping began.  

**Perforations:**  
- **Kind:** 5.5 in.  
- **From (Feet):** 0  
- **To (Feet):** 58  
- **Length:** 11 ft.  

**Power:** 5 HP  
**Remarks:** (Gravel packing, cementing, packers, type of shut-off)  

---

**INDICATE THE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.**  
**Each Small Square Represents 40 Acres.**

**Driller's Signature:** C.H. Stein  
**Driller's Address:**  

---

**Top of Ground:**

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>58</td>
<td>70</td>
</tr>
<tr>
<td>30</td>
<td>0</td>
<td>70</td>
</tr>
</tbody>
</table>

---

**License No.:** 16-9  
**Show exact depth of bottom: 60 ft.**
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: 1925
Owner: Joe Crisafulli & Sons
Address: Glendive, Montana
Contractor (if any): None
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.

___ gravity system

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:

use up to 50 gallons per minute and used _ year around.

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

Joe Crisafulli and Sons
Signature of Owner.
Date: November 18, 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 Appropirator.
STATE OF MONTANA
County of Dawson

Filed for record this 19th day of
November, A.D. 1963, at
9:00 o'clock A.M.

Gordon A. Russell
County Clerk and Recorder.

By: Claris dusty Deputy.

Prepd. #20
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. **Joe Crisafulli and Sons**
   (Name of Appropriator)
   Count of **Dawson**
   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 residential and irrigation water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   A-1930; B-1940; C-1951; D-E-F-1959

4. The amount of groundwater claimed (in miner’s inches or gallons per minute). A=100 gallon; B,C,D,E,F=50 gallons

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

   35 acres in Section 27, 16 R.55 W.4th Sec. 27, T.16 N. R.55
   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   A=4" centrifugal pump; B-C=Deep-well set of D,E,F=Deep well jet

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   A-1930, B-1940, C-1951, D-E-F-1959

8. The depth of water table:
   A=100'; B=100'; C=100'; D,E,F=100'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   A=Well = 60' deep; B-Well = 160' deep; C-Well = 160' deep; D,E,F-Well = 160' deep

10. The estimated amount of groundwater withdrawn each year 35 acre feet

11. The log of formations encountered in the drilling of each well if available: none available

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

   **Joe Crisafulli and Sons**
   Signature of Owner
   Date: November 13, 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 Dawson

Filed for record this 19th day of November, A. D. 1862, at 9 o'clock A. M.

Horace H. Russell
County Clerk and Recorder.

By Ellis Rusty, Deputy.
Fee pd. $1.00

285845
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

County of Dawson, State of Montana

1. HARDY O. EGGER of West Glendive, Montana
   (Name of Appropriator) (Address) (Town)

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

   | W | E |
   ---|---|
   N |   |   |
   |   |   |
   |   |   |
   |   |   |
   |   |   |

   SE 1/4 SE 27, T. 16, R. 55

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

2. The beneficial use on which the claim is based: **Yard and domestic use since October, 1960**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **October, 1960, continuous**

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): **Basement well, eight gallons per minute; Outdoor well, eight 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: **Yard and garden, 332 acres on outside well; Domestic use inside well**

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Started October 1, 1960; finished October 15, 1960**

8. The depth of water table: **14’**

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: **Inside well-2” casing pump, electric motor and centrifugal, 10’ deep; Outside well-2” casing, electric motor and centrifugal pump**

10. The estimated amount of groundwater withdrawn each year: **345,600 gallons per year per well**

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

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: [Signature]
Date: November 29, 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.
**MONTANA BUREAU OF MINES AND GEOLOGY**

**WATER WELL LOG**

**STATE ENGINEER**

**The Butte, Montana**

**DEC 20 1961**

**9:30 AM**

**Owner:** HENRY FRIEDMAN

**Address:** GLENDALE MONT.

**Driller:** Bob Happeny

**Address:** GLENDALE MONT.

**Date Started:** 10-14-61

**Date Completed:** 10-31-61

**Location:** Sec. 27, T. 16 N., R. 65 W., 4th Sec.

**Lot one Block fire and Jefferson School cell.**

**Type of well:** Drilled

**Equipment used:** Dug tool

**Water use:** Domestic ☑ Municipal ☐ Stock ☑ Irrigation ☐

**Industrial ☐ Drainage ☐ Other ☐

**Casing:** 0 ft. to 113 ft. Type SPF Size 4"

**Casing:** 113 ft. to ft. Type Size

**Casing:** ft. to ft. Type Size

**Perforated or Screened:** Ft. Opened ft. 113 ft. 140 to ft.

**Type of screen or perforations:**

**Static Water level, for non-flowing well:** 53 feet.

**Shut-in pressure, for flowing well:** 34 lb./sq. in. on:

**Pumping water level:** 100 feet at 8 gal. per min.

**How tested:** Submersible Pump

**Length of test:** 36 hrs.

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

**Deep 4" casing to 113 ft.**

**(over)**
<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>23'</td>
</tr>
<tr>
<td>0</td>
<td>Clay</td>
</tr>
<tr>
<td>23</td>
<td>48'</td>
</tr>
<tr>
<td>48</td>
<td>94'</td>
</tr>
<tr>
<td>94</td>
<td>100</td>
</tr>
<tr>
<td>100</td>
<td>121</td>
</tr>
<tr>
<td>121</td>
<td>140</td>
</tr>
<tr>
<td>140</td>
<td>Sand</td>
</tr>
<tr>
<td>121</td>
<td>Clay</td>
</tr>
<tr>
<td>94</td>
<td>Sand</td>
</tr>
<tr>
<td>100</td>
<td>Clay</td>
</tr>
<tr>
<td>48</td>
<td>Clay</td>
</tr>
<tr>
<td>23</td>
<td>Clay</td>
</tr>
<tr>
<td>0</td>
<td>Clay</td>
</tr>
</tbody>
</table>
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: Robert T. Riechers
Address: 217 S. 27th Ave., Great Falls, MT
Date well started: June 26, 1971
Date well completed: July 6, 1971

Type of well: Drilled
Equipment used: Cable Tool (Drive, drive, bored or drilled)

Water Use: Domestic
Industrial
Stock
Irrigation
Municipal
Drainage
Other

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Diameter</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Drilled Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>5 1/2</td>
<td>77'</td>
<td></td>
<td>more</td>
</tr>
</tbody>
</table>

Static water level: 38 ft. Pumping water level 32 ft. at 30 gallons per minute, measured 30 minutes after pumping began.

*Measured from ground level. Well developed by Barden for 3/4 hours.

Power: Pump: HP

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

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

Driller's Signature: Herby C. Whitson
Driller's Address: Bloodfields, Mont.
LICENSE NO. 107
## Driller's Log

**STATE OF MONTANA**  
**ADMINISTRATOR OF GROUNDWATER**  
**MONTANA WATER RESOURCES BOARD**  
**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**  
Developed after January 1, 1962  
(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

### Owner

- **John Hart**  
- Address: West Honolulu

### Date well started

- **7-7-72**  
- **GW 1**

### Date well completed

- **7-9-72**

### Type of well (drilled)

- **Rotary**

### Equipment used

- **Drill, drive, pump or drill**

### Water Use:

- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other
- Garden/Lawn

### Describe USE:

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

### Estimated Annual Withdrawal

<table>
<thead>
<tr>
<th>Well</th>
<th>Size and PVC</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 1/4</td>
<td>1 1/2</td>
<td>94</td>
<td>76</td>
<td></td>
<td>93</td>
<td></td>
</tr>
</tbody>
</table>

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

### Driller's Signature

- **M. E. Schuch**

### Driller's Address

- 916 So. Eagles

---

**Show exact depth of bottom**

---

5/0/3
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Except Chapter 327 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by driller with the County Clerk and Recorder in the county in which the well is located. CPR 187 shall be retained by driller.

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

Owner: Tom Holland
Address: Helena, Montana

Date well started: May 15, 1971
Completed: May 25, 1971

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

Equipment used: Cold Pack (open, drill, rotary or other)

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

*Describe ____________________________

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

ESTIMATED ANNUAL WITHDRAWAL: 15 gal

<table>
<thead>
<tr>
<th>Size of Bore Pipe</th>
<th>Size and Weight of Drill</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot;</td>
<td></td>
<td>Top</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 1/2&quot;</td>
<td>20</td>
<td>66</td>
<td>60</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 66 ft.
Pumping water level: 60 ft.

Power: Vertical Pump
Remarks: (Gravel packing, cementing pack, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF EACH SMALL SQUARE REPRESENTS 40 ACRES

Driller's Signature: Darby Whitaker
Driller's Address: Bozeman, Montana

LICENSE NO. 107
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER
WATER WELL LOG

Owner: Nessiah Luther Church
Address: Glendive, Montana

Driller: Robert Harcourt
Address: Box 73, Glendive

Date Started: June 25, 1966
Date Completed: June 16

Location: Sec. 27, T. 16, R. 55, 1/4 sec.

Type of well: Drilled
Equipment used: Cable Tool

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

Industrial [ ]
Drainage [ ]
Other: [ ]

Casing: 0 ft. to 60 ft.
Type: Iron
Size: Inch

Casing: ft. to ft.
Type: Size:

Casing: ft. to ft.
Type: Size:

Perforated or Screened: Ft. to Ft.
Type:

Static Water level, for non-flowing well: ft.

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

Pumping water level: 0 foot at 4 gal. per min.

How tested: Pumped

Length of test: 12 hours

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

Letton open
<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>14</td>
<td>gumbo</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>30</td>
<td>gravel</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>55</td>
<td>grey clay</td>
<td></td>
</tr>
<tr>
<td>55</td>
<td>65</td>
<td>sand</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1963)

JOE W. MUSCHL
of Box 961, Glendive

County of Dawson, 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: Consumption

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: March, 1936

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 15 gal.

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: Dec. 19, 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 Dawson

Filed for record this 17th day of December, A.D. 1963, at 3 o'clock P.M.

Gordon A. Russell
County Clerk and Recorder.

By:  Rags Schmittin, Deputy.

See pl. 5 200
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. **Henry S or Laura Newell**
   of **Box 124**, **Glendive, Montana**

   | County of               | State of         | have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dawson</td>
<td>Montana</td>
</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **April 3, 1961**

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **April 3, 1961**

8. The depth of water table: **18 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 100 ft hole, casing perforated 10 ft in bottom, Bailed 25 gal per min. water standing at 40 ft, raised to 15 ft over night. Casing collar sealed at 77 ft. Bailed 8 gal standing at 22 ft.

10. The estimated amount of groundwater withdrawn each year: **500,000**

11. The log of formations encountered in the drilling of each well if available: 0-8 Sandy Gumbo, 8-19 gravel, 19-44 Clay, 44-54 Sandy Clay, 54-65 sand, 65-97 Sandy Clay, 97-97 Sand, 97-102 Sandy Clay

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: **Henry S. Newell**
Date: **June 21, 1965**

Three copies to be forwarded 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 Dawson
Filed for record this 21st day of
December A. D. 1962, at
11:45 o'clock A.M.

Jackson W. Russell
County Clerk and Recorder.

By Alice Austin, Deputy,
# Water Well Log

**Date:** Dec 29, 1961

## Field Information
- **Owner:** John Owen
- **Address:** West Windiver, Mont.
- **Driller:** Ira C. Bond
- **Address:** Terry, Montana
- **Date Started:** August 1, 1958
- **Date Completed:** August 5, 1958
- **Location:** Sec. 27, T. 16 N., R. 2 W., 1/4 sec. NW¼ SW¼

## Well Details

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Drilled</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use:</td>
<td>Domestic</td>
<td>Other</td>
</tr>
<tr>
<td>Casing:</td>
<td>Surface</td>
<td>Type</td>
</tr>
<tr>
<td></td>
<td>49 ft.</td>
<td>Steel</td>
</tr>
<tr>
<td></td>
<td>52 ft.</td>
<td>4&quot;</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>120 ft. to 136 ft.</td>
<td>5/16&quot; burned</td>
</tr>
</tbody>
</table>

## Water Level
- **Static Water level, for non-flowing well:** raises 60 feet
- **Shut-in pressure, for flowing well:** 10 lb./sq. in.
- **Pumping water level:** 10 gal. per min.
- **How tested:** bailer
- **Length of test:** week
- **Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

## Exact Location of Well:
- 316 feet south, thence 764 feet east, thence 123 feet south, thence 40 feet east, thence 5 feet north from the NE corner of the NW¼ of the SW¼ of section 27 16 25

---

(over)
### 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></td>
<td>0</td>
<td>25</td>
<td>hard gumbo</td>
</tr>
<tr>
<td></td>
<td>25</td>
<td>46</td>
<td>gravel, some water</td>
</tr>
<tr>
<td></td>
<td>46</td>
<td>120</td>
<td>hard gumbo</td>
</tr>
<tr>
<td></td>
<td>120</td>
<td>226</td>
<td>water and sand</td>
</tr>
<tr>
<td></td>
<td>136</td>
<td>140</td>
<td>gumbo</td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY

WATER WELL LOG

Jefferson School Addition

Montana

Butte, Montana

Owner: Gilbert Paulson

Address: West Grand Chute

Driller: Ira C. Bond

Address: Terry, Montana

Date Started: August 6, 1958

Date Completed: August 6, 1958

Location: Sec. 27, T. 16, R. 55 1/4 sec. NW 1/4 SW 1/4

Type: \[\text{rilled}\]

Equipment used: Cable

(Dig, driven, bored, or drilled)

Water use: Domestic

Municipal

Stock

Irrigation

Industrial

Drainage

Other:

Casing: Surface ft. to ft. Type Steel Size 14

Casing: to ft. Type Size

Casing: to ft. Type Size

Perforated or Screened: Ft. to ft. Type to ft.

Type of screen or perforations: 5/16" burned

Static Water level, for non-flowing well: raises 10 feet

Shut-in pressure, for flowing well: raise (date)

Pumping water level: Stays at 10 feet/feet at 5 gal. per min.

How tested: pump

Length of test: week

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

Exact location of well:

385 feet east, thence 256 feet south.
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Hard gumbo</td>
</tr>
<tr>
<td>24</td>
<td></td>
</tr>
<tr>
<td>24-41</td>
<td>Gravel with water</td>
</tr>
</tbody>
</table>
Form No. 18  
8-60

T. 16  R. 55
County DAWSON

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG  
Jefferson School Addition

Owner  GILBERT PAULSON  Address  WEST CLIDIVIE, MONT.
Driller  IRA G. BOND  Address  TERRY, MONTANA
Date Started  AUGUST 6, 1958  Date Completed  AUG. 6, 1958
Location: Sec. 27  T. 16  R. 56  sec. 4 W. 5th

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Cable</th>
</tr>
</thead>
</table>

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

Casing:  Surface ft. to 4 1/2 ft.  Type  Steel  Size  1 1/2"  
Casing:  ft. to  ft.  Type  Size  
Casing:  ft. to  ft.  Type  Size  
Perforated or Screened:  Ft. 37 to  ft.  Type  Size  
Type of screen or perforations  5/16" BURIED  
Static Water level, for non-flowing well:  raises 10 ft.  feet  
Shut-in pressure, for flowing well:  lb./sq. in. on:  (Lb.)

Pumping water level stays at 10 ft  feet at  5 gal. per min.  
How tested:  pump  
Length of test:  week  

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

Exact location of well:  
885 ft. east, then 25 ft. south  

(over)
Log of Well

<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>To 2h</td>
</tr>
<tr>
<td>2h</td>
<td>to 11</td>
</tr>
<tr>
<td></td>
<td>water</td>
</tr>
</tbody>
</table>
### WATER WELL LOG

**Owner:** Gilbert Paulson  
**Address:** West Glendive, MT

**Driller:** Ira G. Bond  
**Address:** Terry, Montana

**Date Started:** August 6, 1958  
**Date Completed:** August 6, 1958

**Location:** Sec. 27, T. 16 R. 55

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Industrial</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Municipal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stock</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Irrigation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Water use:** Domestic [X]  
**Type of screen or perforations:** 5/16" burned

**Casing:**
- Surface to 41 ft: Type steel, Size 4"
- 

**Perforated or Screened:** From 37 ft to 41 ft

**Static Water level, for non-flowing well:** Raises 10 feet

**Shut-in pressure, for flowing well:** 18 lb/sq. in. on:

**Pumping water level:** Stays at 10 foot raise 5 gal. per min.

**How tested:**

**Length of test:**

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

**Exact location of well:**
- 885 feet east, thence 256 feet south.