MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Gertrude Wilson
Address: Laurel

Driller: Same
Address: Same

Date Started: July 5, 1959
Date Completed: Dec. 60

Location: Sec. 47, T. 29 S., R. 130 E., Sec. NW

Type of well: Drilled
Equipment used: Churn

(Dug, driven, or drilled) (Churn, drill, rotary, other)

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

Casing: ft. to 52 ft. Type: Steel
Size: 4"

Casing: ft. to ft.
Type: Size:

Casing: ft. to ft.
Type: Size:

Perforated or screened: Ft. to Ft. Ft. to Ft.

Type of screen or perforations:

Static water level, for non-flowing well: 10 feet.

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

Pumping water level: feet at gal./per.min.

How tested: Pump

Length of test: 2 hrs.

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

**Address:** 914 2nd Ave., Laurel, Mont. 59044

**Date well started:** 4-13-73

**Completed:** 4-13-73

**Type of Well:** Drilled

**Equipment used:** Rotary

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

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

**Top of Ground**

<table>
<thead>
<tr>
<th>Feet</th>
<th>To Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>38</td>
</tr>
<tr>
<td>38</td>
<td>58</td>
</tr>
<tr>
<td>58</td>
<td>62</td>
</tr>
<tr>
<td>62</td>
<td>68</td>
</tr>
<tr>
<td>68</td>
<td>78</td>
</tr>
<tr>
<td>78</td>
<td>80</td>
</tr>
</tbody>
</table>

**Estimated Annual Withdrawal:** 2 1/2 million gal.

<table>
<thead>
<tr>
<th>Size of Pipe</th>
<th>Size of Screen</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 3/4&quot;</td>
<td>5&quot;</td>
<td>0</td>
<td>80</td>
<td>drilled: 40  80</td>
</tr>
</tbody>
</table>

**Static water level:** 40 ft.*

**Pumping water level:** 60 ft.*

*Measured from ground level.

Well developed by air & bail for 4 hours.

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

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

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>40</td>
</tr>
</tbody>
</table>

**Driller's Signature:**

**Driller's Address:**

P.O. Box 246, Roundup, 59072

**License No.:** 159

**53,356**
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Louis H. McRae
Address: 1077 McLean

Driller: Randy Drilling
Address: R.R. 2, Box 122

Date of Notice of Appropriation of Groundwater: Jan. 30, 1970
Date Well Started: Feb. 3, 1970

Type of Well: DRILLED
Equipment Used: CABLE

Water Use: Domestic
Industrial
Municipal
Other
Irrigation

Filed for record this 5th day of August, A.D. 1970, at 3:50 p.m.

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... 20 feet

Shut-in Pressure for flowing Well

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

Discharge in gal. per min. of flowing well

How Tested: BASLER
Length of Test: One hour

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)

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

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

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

Driller’s License Number

Driller’s Signature

4/12/19
### Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:**

**Driller:**

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

**Date well started:**

**Date Completed:**

**Type of well:**

**Equipment Used:**

**Water Use:**

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Drilling Equipment</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Static Water Level for non-flowing Well</th>
<th>Shut-in Pressure for Flowing Well</th>
<th>Pumping Water Level</th>
<th>Discharge in gal. per min. of flowing well</th>
<th>How Tested</th>
<th>Length of Test</th>
<th>Remarks:</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>8 in.</td>
<td>6 in.</td>
<td>72</td>
<td>24 feet</td>
<td>50 feet</td>
<td>40 gal. per minute</td>
<td>24 gal. per min.</td>
<td>Based</td>
<td>24 feet</td>
<td>(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).</td>
</tr>
</tbody>
</table>

**Driller's License Number**

**Driller's Signature**

---

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
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: Leo Zentner
Address: Route 1
Laurel, Mont.

Date well started: GW1...04.1.61...
completed:...

Type of well: Driven
Equipment used: well driver
Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe...

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

ESTIMATED ANNUAL WITHDRAWAL: 9,000

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Area and Width of Cutting</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot;</td>
<td>Slitting</td>
<td>0</td>
<td>30</td>
<td>4&quot; slots</td>
</tr>
</tbody>
</table>

Static water level: 15 ft.
Pumping water level: 20 ft.
at 40 gallons per minute, measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by: PUMP
for: 4 hours.
Power: 4 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

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

LICENSE NO. 273

Top of Ground: 3250
G.F. above sea level: 2500

Type: Cl, Sand, and S Gravel

Show exact depth of bottom...
WATER WELL LOG

Owner: Leonard Lentz
Address: Laurel
Driller: Isk N. Dunlap
Address: Butte, Mont.

Date Started: August 9, 1958
Date Completed: August 11, 1958

Location: Section 16
Township 12
Range 24

Type of well: Dug
Equipment used: Churn drill

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

Casing:
- Depth: 0 ft. to 23 ft.
- Type: Screen
- Size: 6 1/2" ID

Casing:
- Depth: [□]
- Type: [□]
- Size: [□]

Perforated or Screened:
- Depth: [□]
- Type: [□]
- Size: [□]

Type of screen or perforations:

Static Water level, for non-flowing well:

Shut-in pressure, for flowing well: 0 lb./sq. in.

Pumping water level: 16 feet at 10 gal. per min.

How tested: Baker

Length of test: one hour

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

Marked up at 31' with factory drilling shirt

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 3</td>
<td>Top sand</td>
</tr>
<tr>
<td>3 - 21</td>
<td>Sand &amp; gravel</td>
</tr>
<tr>
<td>21 - 28</td>
<td>Blue shale</td>
</tr>
<tr>
<td></td>
<td>Wet water at 38', and more wet at 33' - 36'</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:** Harley G. & Donna Hove

**Address:** Rte. 1 Box 91

**Laurel, Montana 59044**

**Date well started:** Not known

**Possibly in 1961**

**Completed:** Not known

**Type of well:** Not known

(Dug, driven, bored or drilled)

**Equipment used:** Not known

(Churn drill, rotary or other)

**Water Use:** Domestic □  Municipal □  Stock □  Irrigation □

Industrial □  Drainage □  Other □  Garden/Lawn □

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

**Estimated Annual Withdrawal:** 4,234,000 gallons

**Top of Ground (Elev. above sea level):**

<table>
<thead>
<tr>
<th>State of Montana</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Identity of Rule</th>
<th>Rise and Width of Casing</th>
<th>From Well</th>
<th>To Well</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Kiln Size</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Static water level: Not known ft.
- Pumping water level: Not known ft.
- Measured: 30 gallons per minute, measured: 7 minutes after pumping began.
- Measured from ground level.
- Well developed by:

**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:** Not known

**Driller's Address:** Not known

**License No.:** Not known

**County:** Yellowstone

**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.
STATE OF MONTANA, ss.
County of Yellowstone.
This instrument was filed in my office this JUN 29, 1973, at 12:20 p.m.
MERRILL K. KUDIE
Clk. of Clr. of Clr. of
Deputy
Deputy
<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>A. H. Patrick</td>
</tr>
<tr>
<td>Driller</td>
<td>Art Leonard Bond</td>
</tr>
<tr>
<td>Date Started</td>
<td>8-60</td>
</tr>
<tr>
<td>Date Completed</td>
<td>8-60</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. T/Mon.</td>
</tr>
<tr>
<td>Type of well</td>
<td>Domestic</td>
</tr>
<tr>
<td>Equipment used</td>
<td>(Drill, driven, or drilled)</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic</td>
</tr>
<tr>
<td>Casing</td>
<td>60 ft.</td>
</tr>
<tr>
<td>Perforated or screened</td>
<td>10 ft.</td>
</tr>
<tr>
<td>Static water level, for non-flowing well:</td>
<td>100 ft.</td>
</tr>
<tr>
<td>Shut-in pressure for flowing well:</td>
<td>10 lb./sq. in. on: 8-60</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>1000 gal/per.min.</td>
</tr>
<tr>
<td>Remarks</td>
<td>Gravel packing, cementing, packers, type of shut-off, depth of shut-off</td>
</tr>
</tbody>
</table>

Actual photo in year: 1951-1958, as shown when this work was completed.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: DAVID PETERSON
Address: LAUREL, MONT

Date of Notice of Appropriation of Groundwater: 6-16-70

Date well started: 6-16-70
Date completed: 7-19-70

Type of well: DRILLED
Equipment Used: CHURN

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

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

Static Water Level for non-flowing Well: 23.4 feet
Shut-in Pressure for Flowing Well: __________ feet
Pumping Water Level: 38 feet at 3 gal. per minute.
Discharge in gal. per min. of flowing well: __________ gallon.
How Tested: BAILER Length of Test: __________

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

Driller's License Number: __________
Driller's Signature: __________

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

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

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

The instrument was filed in my office

MAR 18 1900
at 10:10 o'clock A.M.

SHERIFF H. KELLUT
County Clerk & Recorder

By [Signature]
Deputy
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

Owner: Paul E. Roman
Address: 31 Laurel

Driller:
Address:

Date Started:
Date Completed:

Location: Sec. __________ T. __________ R. __________

Type of well:
(Dug, driven, or cased)

Equipment used:
(Churn, drill, rotary, other)

Water use:
Domestic
Municipal
Stock
Irrigation

Industrial
Drainage
Other

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or screened: Ft. _____ to Ft. _____ Ft. _____ to Ft. _____

Type of screen or perforations:

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

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

Pumping water level: ________ feet at ________ gal. per min.

How tested: ________

Length of test: ________

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

________

(over)
<table>
<thead>
<tr>
<th>Form No. 18</th>
<th>5.60</th>
</tr>
</thead>
</table>

**MONTANA BUREAU OF MINES AND GEOLOGY**
Butte, Montana

**Water Well Log**
STATE ENGINEER

<table>
<thead>
<tr>
<th>Owner</th>
<th>Paul C. Roman</th>
<th>Address</th>
<th>R. Laurel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Address</td>
<td>Date Started</td>
<td>Date Completed</td>
</tr>
</tbody>
</table>

Location: Sec. T. 25 R. 66 1/4 sec.

**Type of well**

- **Equipment used**: Hand tools

**Water use**
- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other

**Casing**
- ft. to ft. Type Size
- ft. to ft. Type Size
- ft. to ft. Type Size

**Perforated or screened**
- Ft. to ft.
- Ft. to ft.

**Type of screen or perforations**

**Static water level**, for non-flowing well: 10 feet.

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

**Pumping water level**
- 10 feet at 10 gal. per min.

**How tested**

**Length of test**

**Remarks**

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

Curved with flat rock

(over)
**Form No. 8**

**8-60**

**STATE ENGINEER**

**Owner:**

**Driller:**

**Date Started:** May 1942  
**Date Completed:** May 1942

**Location:**

**Type of well:**

- [ ] Drilled (Bore, driven or drilled)
- [ ] Churn drilled (Churn drill, rotary other)

**Water use:**

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

**Casing:**

- [ ] 30 ft.

**Type of screen or perforations:**

- [ ] Perforated
- [ ] Screened

**Static water level, for non-flushing well:**

- [ ] 3'

**Suitable pressure for flushing well:**

- [ ] 10 lb. /sq. in.

**Pumping water level:**

- [ ] 10 ft. at 10 gal. per min.

**How tested:**

- [ ] With pump

**Length of test:**

- [ ] Other (travel pecking, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>Burkley, Stanley</td>
<td>GWY</td>
<td>721754</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Hardin, Michael H.</td>
<td>GWY</td>
<td>721757</td>
<td></td>
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<tr>
<td>8</td>
<td>Seavey, Robert</td>
<td>GWY</td>
<td>721759</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Hester, E.H. &amp; May J.</td>
<td>GWY</td>
<td>721807</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Peterson, David P.</td>
<td>GWY</td>
<td>858120</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Stievel, Dale</td>
<td>GWY</td>
<td>911160</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Rice Bros., Theodore &amp;</td>
<td>GWY</td>
<td>1957 Well Log</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Frank, Clifford H.</td>
<td>GWY</td>
<td>891016</td>
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</tr>
<tr>
<td>12</td>
<td>Frank, Clifford H.</td>
<td>GWY</td>
<td>891132</td>
<td></td>
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<tr>
<td>13</td>
<td>La Porte, Edward J.</td>
<td>GWY</td>
<td>1957 Well Log</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Wadell, Glen C.</td>
<td>GWY</td>
<td>900256</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Fox, George</td>
<td>GWY</td>
<td>730492</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Richardson, A.W.</td>
<td>GWY</td>
<td>720413</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Richardson, A.W.</td>
<td>GWY</td>
<td>720672</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Richardson, A.W.</td>
<td>GWY</td>
<td>720671</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Mackay, F.P.</td>
<td>GWY</td>
<td>711902</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Mackay, F.P.</td>
<td>GWY</td>
<td>711901</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Mackay, F.P.</td>
<td>GWY</td>
<td>728301</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Ondriks, Marvin</td>
<td>GWY</td>
<td>197696</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>McFate, John A.</td>
<td>GWY</td>
<td>721550</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Shively, Paul H.</td>
<td>GWY</td>
<td>721773</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Weisheuer, Richard</td>
<td>GWY</td>
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<td>26</td>
<td>Frank, Ale B</td>
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<td>Frank, Alex B</td>
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<td>Kinney, Albert</td>
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<td>Kinney, Stanley A.</td>
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<td>30</td>
<td>Strech, Herman G.</td>
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<td>Word, J.O. Jr.</td>
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<td>32</td>
<td>Pincus, Lora O. &amp; Quentin</td>
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<td>Williams, Alma L., P.M.</td>
<td>Thelma C</td>
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<td>Williams, P.M., Thelma</td>
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<td>39</td>
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<td>Frank, Winn</td>
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<td>McRuer, G.C.</td>
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<td>Sec.</td>
<td>Name of Appropriator</td>
<td>Type of Form</td>
<td>County File No.</td>
<td>Remarks</td>
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<td>C.C. McMullen</td>
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<td>Shay, Boyd E. &amp; Irna</td>
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<td>1051 Well Log</td>
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<td>Sheep, Glenn D.</td>
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<td>Goodwin, Robert</td>
<td>GWY</td>
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<td>Krug, William</td>
<td>GWY</td>
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<td>GWY</td>
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<td>Kroft, Jack</td>
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<tr>
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<td>Kroft, Jack</td>
<td>GWY</td>
<td>705939</td>
<td>See Sec. 32 Have</td>
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<tr>
<td>36</td>
<td>Scharow, Edith K.</td>
<td>GWY</td>
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<td>Daggett, Walter</td>
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<td>Richardson, A.M.</td>
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<td>858 Well Log</td>
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<td></td>
<td>Thine, Horace L.</td>
<td>GWY</td>
<td>691271</td>
<td></td>
</tr>
</tbody>
</table>
DECLARATION of VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1963)

1. Stanley Fankly
   (name of appropriator)
   of RL
   (address)
   County of
   (town)
   State of

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

2. The beneficial use on which the claim is based
   - Household & Irrigation & Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   - approximate 1-1-1962

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   - approximately 8-20-1962

8. The depth of water table
   - 2 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
   - Undeveloped, 22 ft. deep

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

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

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 & 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, 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 | Michael N. Haddad
| Address | 217同志们 Ave., Billings, Mont.
| Date well started | 6/7/73
| Date well completed | 8/25/73

Type of Well: **Drilled**

Equipment used: **Chisel drill**

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

*Describe Well to be used for what:*  
In this case, used for home.

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

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Size of Well</th>
<th>Size and Kind of Screen</th>
<th>Depth of Confining Layer</th>
<th>Depth of Water Level</th>
<th>Depth of Pumping Water Level</th>
<th>Depth of Static Water Level</th>
<th>Depth of Well Developed</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 inch 6 5/8</td>
<td>17.52</td>
<td>18</td>
<td>86</td>
<td>28</td>
<td>39</td>
<td>70</td>
</tr>
</tbody>
</table>

Static water level: 11 ft. above ground.  
Pumping water level: 35 ft. above ground.  
Power: 3 HP, Pump: 3 HP.  
Remarks: (Gravel packing, cementing, packers, type of header)  
Well developed for 10 hrs. by pumping.

**REPERATIONS**

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

Driller's Signature: [Signature]

Driller's Address: [Address]

**LICENSE NO.** 27

Top of Ground

<table>
<thead>
<tr>
<th>Top of Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>52.915</td>
</tr>
</tbody>
</table>

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

Owner: Robert Dean
Address: Laurel, Mont.

Driller: Ulye T. Milhollin
Address: Laurel, Mont.

Date of Notice of Appropriation of Groundwater: 8/10/64
Date Well Started: 8/10/64
Date Completed: 9/13/64

Type of Well: Drilled
Equipment Used: Cable Tool

Water Use: Domestic □ Municipal □ Other □ Irrigation ☐
Industrial □ Drainage □ Stock ☐

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

Static Water Level for Non-flowing Well: 30 feet.
Shut-In Pressure for Flowing Well:
Pumping Water Level: 38 feet at 34 gal. per minute.
Discharge in gal. per min. of flowing well:
How Tested: Sealing
Length of Test: 30 min.

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).

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology; quadruplicate for the Appropriate.
Declaration of Vested Groundwater Rights
(Under Chapter 21, Montana Session Laws, 1965)

1. **E.H. & Mary J. Heslerman** of **607 East Fourth, Laurel, Montana**
   (Name of Appropriator) (Address) (Town)

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

2. The beneficial use on which the claim is based.
   - **Irrigation**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   - Month of March through October Depending upon the weather

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

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.
   - City lots
   - Lawn and Garden
   - Same as above

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   - Well has been used for over 50 years

8. The depth of water table.
   - About 16 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
   - Four feet in diameter
   - 22 feet deep
   - Supported by use of cement and tile

10. The estimated amount of groundwater withdrawn each year.
    - 52,000 gallons per year

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.
    - Never been recorded before

   Signature of Owner: [Signature]
   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 School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA,
County of Yellowstone.
This document was filed in my office
this
at 12:10 p.m.
Edmon S. Redding,
County Clerk & Recorder
By
Deputy

7693007
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Date of Appropriation of Groundwater: ____________
Owner: ____________________ Address: ____________________
Contractor (if any): ____________ Address of Contractor: ____________
Date Started: ____________ Date Completed: ____________

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural flow spring has not been developed, it runs into a pipe. This spring is on NW 1/4 Sec 9 T 2 S R 24E.

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

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:

85.00 ft

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 Yellowstone

This instrument was filed in my office this 19

at 10:12 AM.

MERRILL H. KLUNDST
County Clerk & Recorder
By Deputy
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Dale Steiner
Address: Laurel, Mont.

Driller: D. J. S. O. D. A. S. Address: 81213, 137.

Date of Notice of Appropriation of Groundwater: June 23, 1972

Date well started: 6-23-72, Date Completed: 6-23-72

Type of well: Drilled, Equipment Used: Rotary
(Dug, driven, bored or drilled)

Water Use: Domestic □, Municipal □, 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>Well No.</th>
<th>Size of Drilled Hole</th>
<th>Site and Weight of Drilling</th>
<th>From (Ft.)</th>
<th>To (Ft.)</th>
<th>PERSONATIONS</th>
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<tbody>
<tr>
<td></td>
<td>4 1/2 x 19'</td>
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<td>14</td>
<td>40</td>
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</tbody>
</table>

Static Water Level for non-flowing Well: 28 feet.
Shut-in Pressure for Flowing Well: NA.
Pumping Water Level: 35 feet at 20 gal. per minute.
Discharge in gal. per min. of flowing well: NA.
How Tested: Bail Length of Test: 24 HRS.
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other pertinent information, including number of acres irrigated, if used for irrigation)

In gravel bench to left corner to stop.

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>Type of Well</th>
<th>Driven</th>
<th>Equipment Used</th>
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<tbody>
<tr>
<td></td>
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<td>(Dug, driven, or drilled)</td>
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<tr>
<td></td>
<td></td>
<td>(Churn drill, rotary other)</td>
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</table>

<table>
<thead>
<tr>
<th>Water Use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
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<tr>
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<td></td>
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<tr>
<th>Casing:</th>
<th>50 ft. to</th>
<th>100 ft.</th>
<th>Type</th>
<th>Size</th>
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<tbody>
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</table>

- Perforated or screen: Ft. 10 ft. to Ft. 50 ft. to Ft. 100 ft.

- Type of screen or perforations:

- Static water level for non-flowing well: 3 feet.
- Shut-in pressure for flowing well: 10 lb./sq. in. on: (date)
- Pumping water level: 4 feet at 10 gal. per min.
- How tested: 1½ pump
- Length of test: 3 hours
- Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Additional: Five feet of well there is no casing.
<table>
<thead>
<tr>
<th>Form No.</th>
<th>2S 3 2h E</th>
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</thead>
<tbody>
<tr>
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<td>FLORENCE</td>
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</tbody>
</table>

**Date Started:** Abt. April, 1958  
**Date Completed:** Same  
**Location:** Sec. 10, T. 2 S., R. 24 E  
**Known As:** Bear Creek  

**Type of well:**  
- Domestic  
- Irrigation  

**Type of equipment used:**  
- Churn dril', rotary-oil  

**Water use:**  
- Domestic  
- Municipal  
- Irrigation  
- Other  

**Casing:**  
- 0 ft. to 30 ft.  
  Type: Galv.  
  Size: 3"  

**Perforated or screened:**  
- Ft. to Ft.  
  Type:  
  Size:  

**Static water level:**  
- 6 feet  
**Shut-in pressure for flowing well:**  
- 1 lb. per sq. in.  

**Pumping water level:**  
- 7 feet at 10 gal. per min.  
**How tested:**  
- 1000-gallon pump  
**Length of test:**  
- 3 hours  

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

**Abt. Five feet of well there is no casing**
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

Doc. No. 591046 (Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: August 1, 1971

Owner: Clifford H. Frank Address: Laurel, 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.

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

Signature of Owner

Date: Sept. 13, 1971

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 Yellowstone.
This instrument was filed in my office,
this SEP 15, 1871.

9:10 a.m.
M. J. McLean
County Clerk & Recorder.

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

Owner: Clifford H. Frank  Address: Laurel, Montana

Driller: N.A.  Address: N.A.

Date of Notice of Appropriation of Groundwater:

Existing Well

Date well started: Date Completed:

Type of well: Equipment Used:

Drill, rotary or other

Water Use: Domestic ☐  Municipal ☐  Other ☐  Irrigation ☐

Industrial ☐  Drainage ☐  Stock ☐

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

<table>
<thead>
<tr>
<th>Site of Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>24&quot; CONCRETE TILE</td>
<td>14</td>
<td>12.5</td>
<td>OPEN AT BOTTOM</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 5 feet.

Shut-in Pressure for Flowing Well: N.A.

Pumping Water Level: 12 feet at 5 gal. per minute.

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

How Tested: PUMP  Length of Test: 24 HRS

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

Cement to 6 FT

Driller’s License Number

Driller’s Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Form No. 18
8-60

T. 2 South R. 24 East

County

Yellowstone

RECEIVED

JAN 2 1984

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

Water Well Log

Owner: Edward J. El Beth
Address: Laurel, Montana

Driller: James
Address: 

Date Started: June 10, 1931
Date Completed: June 30, 1931

Location: Sec. 10 T. 25 R. 24 E ½ sec. 12 NW ¼ SW ¼

Type of well: dug and drilled
Equipment used: hand tools and Auger Drill

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

Casing: wood 14 ft. to 14 ft. Type wood Size 4 x 6 ft.
Casing: 14 ft. to 50 ft. Type steel Size 6"
Casing: ft. to ft. Type Size

Perforated or screened: Ft. to Ft. to 

Type of screen or perforations: Commercial sand point at bottom

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: 3/4" Electric pump

Length of test: 10 hours

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

(over)
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: "G. C. WAMS"
Address: 130 E. 61st
FILE: 960.256

LAUNCH DATE: 2-1922

Date well started: 3-29-71
Date well completed: 3-29-71

Type of well: DUG
Equipment used: ROTO

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>Depth Range</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>74</td>
<td>111'</td>
<td>0</td>
<td>32</td>
</tr>
</tbody>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Field</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>#308</td>
<td>24</td>
<td>32</td>
</tr>
</tbody>
</table>

Static water level: 81 ft.*
Pumping water level: 72 ft.*

Power: F.A.S. Pump: 2 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: "J. L. Bums"
Driller's Address: 420 S. 14th Ave, Billings

LICENSE NO. 197

---

Top of Ground (Elev. above sea level):

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Soil</td>
<td>6</td>
<td>32</td>
</tr>
</tbody>
</table>

WATER @ 10 FT.
WATER @ 24 FT.

Show exact depth of bottom

49,828
STATE OF MONTANA,}

COUNTY OF YAKIMA

The instrument was filed in my office

FEB 2, 1992
10:15

Deputy

M.

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


Owner: GEORGE FOX
Address: 2712 MILES AVE., BILLING, MONTANA

Contractor (if any): NOONE
Address of Contractor: NOONE
Date Started: NOONE
Date Completed: NOONE

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. SPRINGWATER APPROX. 100 INCHES.

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. 100 INCHES.

YEAR AROUND, 12 MONTHS FOR IRRIGATING AND CATTLE FEEDING.

Signature of Owner: [Signature]
Date: MAY 4, 1964

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

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

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

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

1. A.W. RICHARDSON, et al of Laurel, RFD (Mont.)
   (Name of Appropriator) (Address) (Town)
   County of Yellowstone State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1930-continuous since

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   unknown—never pumped dry

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
   no irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   1930

8. The depth of water table
   14 ft. declared by Conservation Unit

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
   36" depth
   6" casing
   1" intake pipe
   14" discharge pipe

10. The estimated amount of groundwater withdrawn each year
    varies with number of stock

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

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

   Signature of Owner
   Date December 25, 1963

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

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

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

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. A. W. Richardson

(State of Montana)

County of Yellowstone

Address: Laurel

(Town)

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

2. The beneficial use on which the claim is based

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

1. A.W. RICHARDSON of LAUREL, (Adress) (Town)
   County of Yellowstone, State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      1959

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      unknown--never pumped dry

   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
      no irrigation

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

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

8. The depth of water table
   5' summer
   varies some in winter

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
   32' depth
   6' casing
   12' intake
   14' discharge

10. The estimated amount of groundwater withdrawn each year
determined by number of stock

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

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

Signature of Owner

Date December 28, 1963

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

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

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

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

1. A.W. Richardson, of SF, Laurel, Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

- The beneficial use on which the claim is based: stock water
- Date or approximate date of earliest beneficial use: 1927
- The amount of groundwater claimed (in miner's inches or gallons per minute): unknown—never pumped dry
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner: no irrigation
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: electric pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1927
- The depth of water table: 5' summer, varies some in winter
- 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:
  - DT depth
  - Submersible pump
  - 6' casing
  - Lift intake
  - Lift discharge
- The estimated amount of groundwater withdrawn each year: determined by number of stock
- The log of formations encountered in the drilling of each well if available: not available
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: not known

Signature of Owner: A.W. Richardson
Date: December 25, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
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: F. M. Mackey
Address: P. O. Box 1046
Drilling, Mont.
Date well started

Type of well: drilled wells

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>Well No.</th>
<th>Site Location</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>WYNE, Sec. 12</td>
<td>2 50 24 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>SW, 12</td>
<td>2 50 24 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: fr. *
Pumping water level: fr. *

*Measured from ground level.

Well developed by
Power: Pump: HP
Remarks: (Gravel packing, cementing packers, type of shutoff)

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

Driller's Signature

Driller's Address

LICENSE NO.

Show exact depth of bottom

Top of Ground (ftr. above sea level)
STATE OF MONTANA, ss.
County of Yellowstone, ss.

The foregoing was filed in my office
this 8th day of January, 1973

\[12:30\] o'clock

MERRILL K. KLUNDT
County Clerk & Recorder

By

\[360\] Deputy
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

State of Montana

Administrative Office of the Groundwater Code

Office of the State Engineer

Notice of Completion of Groundwater Appropriation by Means of Well

Owner: J.P. MacKee
Address: Billings, Mont.

Driller: Bud LeBlanc
Address: Laurel, Mont.

Date of Notice of Appropriation of Groundwater: 5/2/66

Date well started: 5/10/66

Date completed: 5/15/66

Type of well: Drilled

Equipment used: Cable tool

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:

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Weight of Core</th>
<th>Depth</th>
<th>Preparations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>4700</td>
<td>27'</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 9' feet

Shut-in Pressure for Flowing Well

Pumping Water Level: 10' feet at 25 gal. per minute

Discharge in gal. per min. of flowing well

How Tested: Banking

Length of Test: 30 minutes

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

(NE 1/4 SW 1/4 T2S R24 E)

Driller's License Number: 1831

Driller's Signature: Bud LeBlanc

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

Owner: J. P. McDonald
Address: Billings, Montana

Driller: Clyde N. Sloane
Address: Laurel, Montana

Date of Notice of Appropriation of Groundwater: 3/3/66
Date well started: 3/1/66
Date completed: 3/3/66

Type of well: Drilled
Equipment Used: Lickada
(Churn, drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Strata</th>
<th>Depth</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil</td>
<td>10 ft</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>12 ft</td>
<td></td>
</tr>
<tr>
<td>Rock</td>
<td>20 ft</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Distance From Center</th>
<th>To Well</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>10&quot;</td>
<td>214&quot;</td>
<td>32&quot;</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well... 7 ft. at 25 gal per minute.
Shut-in Pressure for flowing Well...
Pumping Water Level... 10 ft. at 25 gal per minute.
Discharge in gal per min. of flowing well...
How Tested: Balancing
Length of Test: 30 minutes

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

NE. 14, Sec. 12, T. 28 N., R. 24 E.
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Driller's License Number
Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: 
Driller: 

Date of Notice of Appropriation of Groundwater: 
Date well started: Date Completed: 

Type of well: Drilled Equipment Used: 
(Churn, drill, rotary or drilled) 

Water Use: Domestic Municipal Other Irrigation Industrial Drainage Stock 

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot; 20 lb.</td>
<td>0</td>
<td>30'</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well
Shut-in Pressure for flowing well
Pumping Water Level feet at gal. per minute.
Discharge in gal. per min. of flowing well
How Tested: 
Length of Test: 

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.

<Diagram>

30 acres

Driller's License Number

Driller's Signature

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

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

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