## WATER WELL LOG

**Owner:** Geo. Ness
**Address:** Absarokee, Mont

**Driller:** B & H Drilling
**Address:** Flathead, Mont

**Date Started:** 11/11/58
**Date Completed:** 11/13/58

**Location:** Sec. 32, T. 3S, R. 19E — 1/4 sec. SWNE

### Type of well
- Drilled

### Equipment used
- Churn Drill

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

### Casing
- Type: Iron
- Size: 65/8 OD 6 TD

### Perforated or Screened
- To ft.: [ ]
- Type: [ ]

### Type of screen or perforations

### Static Water level, for non-flowing well: 15 feet.

### Shut-in pressure, for flowing well: 7 lb./sq. in.

### Pumping water level: 30 feet at 7 gal. per min.

### How tested: Baler

### Length of test: one 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 - 23</td>
<td>Top soil</td>
</tr>
<tr>
<td>23 - 37</td>
<td>gray sandstone (water)</td>
</tr>
<tr>
<td>37 - 45</td>
<td>gray shale</td>
</tr>
<tr>
<td>45 - 53</td>
<td>brown shale</td>
</tr>
<tr>
<td>53 - 60</td>
<td>gray sandstone (water)</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: Harold B. Williams
Address: Post Star
Columbus
Date well started: GW 1/1/55 p.m.
Date well completed: June 15, 1962
Type of well: Drilled
Equipment used: (Drilled, driven, bored or drilled)
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 Casings (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 inch</td>
<td>6 1/2</td>
<td>11</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 10 ft.
Pumping water level: 22 ft.
at 10 gallons per minute, measured minutes after pumping began.

*Measured from ground level.
Well developed by: for 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
Driller's Address

LICENSE NO. 62, 620.
Office of Clerk & Recorder

STILLWATER COUNTY, IOWA

I hereby certify that the above instrument was filed & recorded in this office ON THE 15TH DAY OF JUNE, 1973.

A.D. 1973 AT 10:50 AM.

[Signature]

FIRST RECORDER

[Signature]

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

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Donald Pleson
Address: Columbia Ranch

Driller: B.H. Drilling
Address: Fishtail, Mont.

Date of Notice of appropriation of groundwater: September 15, 1973
Date well started: September 16, 1973
Date completed: September 16, 1973

Type of well: Irrigation
Equipment used: Churn drill

Water well: 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 the water rises in the well.

<table>
<thead>
<tr>
<th>Size of Casing</th>
<th>Size and Weight of Casing</th>
<th>Pressure (Feet)</th>
<th>Discharge in gal. per min. of flowing well</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-inch 6% 17#</td>
<td>45%</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 20 feet
Shut-in Pressure for Flowing Well: 48 feet
Pumping Water Level: 48 feet at 20 gal. per minute.
Discharge in gal. per min. of flowing well:

How Tested: One hour
Length of Test: One hour

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

Show exact depth of bottom: 53.5 feet

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, these 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: No. 27
Driller's Signature: [Signature]

[Plat 204-16]
Office of Clerk & Recorder
STILLWATER COUNTY, MONTANA

I hereby certify that the above instrument was filed & recorded in this office on the JUN 15 1973
A.D. 1973 at 4:00 PM

[Signature]
CLERK & RECORDER

[Signature] DEPUTY
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Healy, Robert</td>
<td>GW3</td>
<td>186,580</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Young, Vern</td>
<td>GW2</td>
<td>206,802</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Adams, T.A.</td>
<td>GW2</td>
<td>188,580</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Young, Vern</td>
<td>GW2</td>
<td>206,802</td>
<td></td>
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<tr>
<td>5</td>
<td>Peeney, Frank</td>
<td>GW2</td>
<td>188,580</td>
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<tr>
<td>6</td>
<td>Obrich, Lee</td>
<td>GW2</td>
<td>198,580</td>
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<tr>
<td>7</td>
<td>Obrich, Lee</td>
<td>GW2</td>
<td>198,580</td>
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<tr>
<td>8</td>
<td>Thompson, Cecil</td>
<td>GW2</td>
<td>198,580</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Thompson, Cecil B</td>
<td>GW4</td>
<td>186,976</td>
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<tr>
<td>10</td>
<td>Jerns, John</td>
<td>GW2</td>
<td>184,976</td>
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<tr>
<td>11</td>
<td>Mikelson, R.A.</td>
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<td>12</td>
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<tr>
<td>13</td>
<td>Mooling, Jack</td>
<td>GW2</td>
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<td>14</td>
<td>Heard, Richard</td>
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<tr>
<td>15</td>
<td>Campbell, Harold</td>
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<tr>
<td>16</td>
<td>Noble, Wm. + Ella</td>
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<tr>
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<td>Nolan, Rodger</td>
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<tr>
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<td>Bashor, J.J.</td>
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<tr>
<td>19</td>
<td>Stein, Hild+ Donna</td>
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<tr>
<td>20</td>
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<td>Stuery, Edwin F.</td>
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<td>22</td>
<td>Thompson, Cecil</td>
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<td>See #4 above</td>
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<tr>
<td>23</td>
<td>Knox, George M</td>
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<tr>
<td>24</td>
<td>Graham, Bess</td>
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<td>25</td>
<td>Williams, Kent</td>
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<tr>
<td>26</td>
<td>Noble, Wm. + Ella</td>
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<td>27</td>
<td>Brown, Walter T.</td>
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<td>Aasen, Lee W.</td>
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<td>Healy, Jack</td>
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<td>30</td>
<td>Jensen, James</td>
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<td>Adams, Arthur M.</td>
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<td>See #7 above</td>
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<td>Martin, Herman</td>
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<tr>
<td>34</td>
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<tr>
<td>36</td>
<td>Martin, Herman</td>
<td>GW4</td>
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<tr>
<td>37</td>
<td>Hill Brothers</td>
<td>GW3</td>
<td>186,976</td>
<td></td>
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<tr>
<td>38</td>
<td>Harsan, A.F.</td>
<td>GW3</td>
<td>186,976</td>
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</tr>
<tr>
<td>39</td>
<td>Hill Brothers</td>
<td>GW3</td>
<td>186,976</td>
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<tr>
<td>40</td>
<td>Jensen, Wayne D.</td>
<td>GW4</td>
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<tr>
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<td>42</td>
<td>Jensen, Wayne D.</td>
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<td></td>
</tr>
<tr>
<td>43</td>
<td>Rader, + Jensen</td>
<td>GW4</td>
<td>186,976</td>
<td></td>
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<tr>
<td>44</td>
<td>Rader, Earl</td>
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<td>193,384</td>
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<td>Rader, Dennis</td>
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<td>203,121</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>
</tr>
<tr>
<td>------</td>
<td>--------------------------</td>
<td>--------------</td>
<td>----------------</td>
<td>---------</td>
</tr>
<tr>
<td>21</td>
<td>Rowe, Mary</td>
<td>GW3</td>
<td>186739</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Rowe, John &amp; Pearl</td>
<td>GW3</td>
<td>207656</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Thompson, Cecil B.</td>
<td>GW4</td>
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<tr>
<td>28</td>
<td>Steene, Almer</td>
<td>GW3</td>
<td>191703</td>
<td></td>
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<tr>
<td>29</td>
<td>Miller, Merrill</td>
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<td>Water well</td>
<td>none</td>
</tr>
<tr>
<td>31</td>
<td>Stein, Floyd + Donna</td>
<td>GW3</td>
<td>207658</td>
<td>see #4</td>
</tr>
<tr>
<td>31</td>
<td>Matt, Gertrude + Wynn</td>
<td>GW4</td>
<td>186520</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Jensen, John + Ellen</td>
<td>GW3</td>
<td>186656</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Thompson, Cecil B.</td>
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<td>see #4</td>
</tr>
<tr>
<td>33</td>
<td>Steene, Almer</td>
<td>GW3</td>
<td>191703</td>
<td>see #2</td>
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<tr>
<td>33</td>
<td>Rowe, Mary</td>
<td>GW3</td>
<td>186738</td>
<td>see #2</td>
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<tr>
<td>35</td>
<td>Johnson, Lueke</td>
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<tr>
<td>35</td>
<td>Hilby, Clara M.</td>
<td>GW2</td>
<td>Water well</td>
<td>none</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Prior to purchase, 1961
Owner: Robert Kelly
Address: Columbia
Contractor (if any) none
Address of Contractor
Date Started: January 1
Date Completed: January 1

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: Robert Kelly
Date: January 2, 1964

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

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

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

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

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

Date of Appropriation of Groundwater

Owner

Contractor (if any)

Address of Contractor

Date Started

Date Completed

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

Address of Contractor

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

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

Signature of Owner

Date

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.

18217
I hereby certify that the above instrument was filed and indexed in this office on the 30th day of December, A.D. 1863, at 10:30 o'clock A.M.

Gertrude H. Colhoun
COUNTY CLERK

Deputy
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: Vern Young
Address: Columbia Ave, 59919
Date well started: 2-22-73
completed: 3-10-73
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).

ESTIMATED ANNUAL WITHDRAWAL

<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>7 7/8&quot;</td>
<td>5½&quot; steel</td>
<td>0</td>
<td>635</td>
<td>200 228</td>
</tr>
<tr>
<td>5½&quot; steel</td>
<td>J-55</td>
<td>565 635</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 110 ft.
Pumping water level: 200 ft.

*Measured from ground level.
Well developed by bailing for 3 hours.

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

Driller's Signature: Kelly
Driller's Address: KELLY DRILLING CO., INC.
Box 246, Roundup, Mt. 59932
LICENSE NO. 169

Top of Ground (Elev. above sea level)

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>18 gravel &amp; sandstone</td>
</tr>
<tr>
<td>33</td>
<td>35 hard sand &amp; siltstone</td>
</tr>
<tr>
<td>35</td>
<td>45 sand &amp; shale strata</td>
</tr>
<tr>
<td>45</td>
<td>51 gray sand &amp; shale</td>
</tr>
<tr>
<td>51</td>
<td>56 sand &amp; clay strata</td>
</tr>
<tr>
<td>56</td>
<td>114 shale</td>
</tr>
<tr>
<td>114</td>
<td>119 gray clay</td>
</tr>
<tr>
<td>121</td>
<td>140 sand</td>
</tr>
<tr>
<td>185</td>
<td>193 sandstone</td>
</tr>
<tr>
<td>193</td>
<td>229 shale &amp; sandstone</td>
</tr>
<tr>
<td>229</td>
<td>235 sandstone</td>
</tr>
<tr>
<td>235</td>
<td>269 shale</td>
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<tr>
<td>269</td>
<td>276 sandstone</td>
</tr>
<tr>
<td>276</td>
<td>287 shale</td>
</tr>
<tr>
<td>287</td>
<td>290 shale &amp; sand</td>
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<tr>
<td>290</td>
<td>292 sand</td>
</tr>
<tr>
<td>292</td>
<td>309 shale</td>
</tr>
<tr>
<td>309</td>
<td>343 shale &amp; clay strata</td>
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<tr>
<td>343</td>
<td>370 shale</td>
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<tr>
<td>370</td>
<td>376 sandstone</td>
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<tr>
<td>376</td>
<td>408 shale</td>
</tr>
<tr>
<td>408</td>
<td>428 sand</td>
</tr>
<tr>
<td>428</td>
<td>439 sand &amp; shale strata</td>
</tr>
<tr>
<td>439</td>
<td>450 sand</td>
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<tr>
<td>450</td>
<td>507 sand</td>
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<tr>
<td>507</td>
<td>515 sand &amp; shale strata</td>
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<tr>
<td>515</td>
<td>517 sand</td>
</tr>
<tr>
<td>517</td>
<td>562 shale &amp; sand strata</td>
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<tr>
<td>562</td>
<td>564 shale &amp; gray clay</td>
</tr>
<tr>
<td>564</td>
<td>573 fine sand</td>
</tr>
<tr>
<td>573</td>
<td>581 course sand</td>
</tr>
<tr>
<td>581</td>
<td>630 fine sand</td>
</tr>
<tr>
<td>630</td>
<td>635 sand &amp; shale strata</td>
</tr>
</tbody>
</table>

Show exact depth of bottom

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.
Office of Clerk & Recorder
STILWATER COUNTY, MONTANA

I hereby certify that the above instrument was filed in my office on the ______ MAR 26 2017
A. D. 19 ______ AT ______ A. M. ______ P.M.

[Signature]
County Recorder
Form No. 18
8-60

T. 3 Sth
R. 20E. N.W.
County Stillwater

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner R. A. Adams
Address Columbus, Mont

Driller B & B Drilling
Address Fichtel, Mont

Date Started 6/2/61
Date Completed 6/22/61

Location: Sec. 2 T. 3 Sth R. 20E. 1 sec. SW

Type of well Drilled
Equipment used Chuck Drill

Water use: Domestic x Municipal O Stock  O Irrigation O
Industrial O Drainage O Other O

Casing: 0 ft. to 27 1/2 ft. Type Black Size 6 inch

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: 27 feet.

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

Pumping water level 60 feet at 7 gal. per min.

How tested: Belar

Length of test ______ hour

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

water has some sulphur in it

(over)
<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>21</td>
<td>Hand dug</td>
</tr>
<tr>
<td>21</td>
<td>2½</td>
<td></td>
<td>Brown shale</td>
</tr>
<tr>
<td>2½</td>
<td>32</td>
<td></td>
<td>Brown sandstone (2 gal per min)</td>
</tr>
<tr>
<td>32</td>
<td>39</td>
<td></td>
<td>Gray shale</td>
</tr>
<tr>
<td>39</td>
<td>46</td>
<td></td>
<td>Gray sandstone (1 gal per min)</td>
</tr>
<tr>
<td>46</td>
<td>80</td>
<td></td>
<td>Gray shale</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: John Young
Address: Columbus, Mont.

Date well started: 3/18/72
Completed: 2/12/73

Type of well: Drilled

Equipment used: Owner drill

Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

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

*Describe well in use for livestock

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: 100,000

<table>
<thead>
<tr>
<th>Size of Well Bore</th>
<th>Rate and Weight of Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 inch</td>
<td></td>
<td>6-1/2</td>
<td>18-47</td>
<td></td>
</tr>
</tbody>
</table>

| 4 ½ Plastic -7    | 3/16                      | 60          | 80        |
|                   |                           | 120         | 140       |

Static water level: 40 ft.
Pumping water level: 143 ft.
Power: 3 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Well was completed back to 147 ft. from 155 to shut off sulfurous water.

---

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.: [License No.]

206S02

52,859
Office of Clerk & Recorder
Lake County, Montana

I hereby certify that the above instrument was filed and recorded in this office on the day of MAR 26, 1973
AD 1973, at 11:50 a.m. 4:40 Pm.

[Signature]
County Recorder

[Signature]
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: Frank Deansy
Address: Cleveland, Mont.

Driller: Bud H. Drilling
Address: Festus, Mont.

Date of Notice of appropriation of groundwater: 6/15/69
Date completed: 6/17/69

Type of well: Drilled
Equipment used: Churndill

Water use: Domestic

Depth of Drilled Hole: 65’

Size and Weight of casing: 1’

From (Feet): 86

To (Feet): 86

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.

Hole of Caixin Kind From To

54-85 Humol Rock 109 1877

5-95 Shale 6 inch 65/8

Static Water Level for non-flowing well 70 feet.

Shut-In Pressure for Flowing Well 80 feet.

Pumping Water Level 80 feet.

Discharge in gal. per min. of flowing well 10 gal. per minute.

How Tested: Bailey

Length of Test: 2 hr.

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

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

(Continue on reverse side)

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

Driller’s License Number

Driller’s Signature

County: Stillwater
STATE OF MONTANA
COUNTY OF STILLWATER

I hereby certify that the above instrument was filed and indexed in this office on the 20th day of June, 1967.

A. D. 1967, 3:27 P.M.

[Signature]
County Recorder

By: [Signature]
Deputy
Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Leo W. Shick
Address: Columbia Mont.

Driller: T. C. Currier
Address: Kalispel, 89911

Date of Notice of appropriation of groundwater: May 17, 1969
Date well started: May 17, 1969
Date completed: May 27, 1969

Type of well: Dug, Driven, bored or drilled
Equipment used: Cable

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>Soil of Diqned Hdr</th>
<th>Rise and Weight of casing (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>17&quot;</td>
<td>6&quot;</td>
<td>46&quot;</td>
<td>76&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4&quot;</td>
<td></td>
<td>0&quot;</td>
<td>10&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6&quot;</td>
<td></td>
<td>0&quot;</td>
<td>10&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4&quot;</td>
<td></td>
<td>0&quot;</td>
<td>10&quot;</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 45 feet.
Shut-in Pressure for flowing well...
Pumping Water Level 20 feet at...
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. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

144
Driller's License Number
Driller's Signature

45, 335

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.
198548

STATE OF MONTANA
COUNTY OF STILLWATER

I hereby certify that the above instrument was filed and indexed in this office
on the 18 th of June
1956
D. 165

Thelma Show

Dezare Bickens

Feb. 28
Counties of Stillwater, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>Sec. 1</th>
<th>Sec. 2</th>
<th>Sec. 3</th>
<th>Sec. 4</th>
<th>Sec. 5</th>
<th>Sec. 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>WELLS</td>
<td>No. 1</td>
<td>No. 2</td>
<td>No. 3</td>
<td>No. 4</td>
<td>No. 5</td>
</tr>
</tbody>
</table>

2. Basis of Beneficial Use
   - Domestic
   - Stock Use

3. Approx date of Use
   - 1960
   - How continuous?
   - Continuous

4. Amount claimed in miner's inches or gallons per min.
   - 30 gal

5. Acres irrigated
   - none
   - Description

6. Name of Owner

7. Location of Well
   - Means of Withdrawal
     - Manual
   - Date-Commencement
     - not known
   - Date-Completion

8. Depth of water table
   - 20 ft

9. Type, size, depth of specifications of casing of works
   - drilled well
   - 169 ft deep

10. Estimated amount withdrawn annually
    - 72,000

11. Log, if available
    - N.A.

12. Other information
    - Signature of owner

Date

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA
COUNTY OF STILLWATER

I hereby certify that the above instrument was filed and recorded in this office on the __ day of March, A.D. 1895, at 10 o'clock M.

[Signature]

[Signature]

[Signature]
**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**STATE WATER CONSERVATION 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)

---

**State of Notice of appropriation of groundwater.**

Date well started...9/1/69...Date completed...8/14/69

Type of well...Drilled...Equipment used...Churn drill

(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.

---

**STATE OF MONTANA**

**COUNTY OF STILLWATER**

I hereby certify that the above instrument was filed and indexed in this office on the 8th day of September, 1969, at 3:20 o'clock P.M.

[Signature]

By...[Signature]...Deputy

---

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

2.92 feet.

**Shut-in Pressure for Flowing Well**

Pumping Water Level: 10 feet at 50 gal. per minute.

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

How Tested...[Signature]

Length of Test...1 hour

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

---

**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, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Cecil B. Thompson, of Columbia, Montana

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

<table>
<thead>
<tr>
<th>Springs</th>
<th>Sec. 28</th>
<th>Sec. 33</th>
<th>Sec. 1</th>
<th>Sec. 4</th>
<th>Sec. 5</th>
<th>Sec. 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. 2</td>
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<td></td>
<td></td>
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<tr>
<td>No. 3</td>
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<tr>
<td>No. 4</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>No. 5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. 6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. Basis of Beneficial Use
   - Stock
   - Stock
   - Irrigation
   - Domestic

3. Approx date of Use
   - 1960
   - 1960
   - 1968

   How continuous?
   - Cont.
   - Cont.
   - Cont.

4. Amount claimed in miner's inches or gallons per min.
   - 75 Gal per hour
   - 500 gal per hour
   - 600 gal per hour

5. Acres irrigated
   - Field garden

6. Location of Well
   - NNE
   - SW
   - SSW
   - NNE

   Means of Withdrawal
   - Piped
   - Piped
   - Pressure

7. Date-Commencement
   - 1960
   - 1960

   Date-Completion
   - 1960
   - 1960

8. Depth of water table

9. Type, size, depth of specifications of works

10. Estimated amount withdrawn annually

11. Log, if available
    - NA
    - NA
    - NA

12. Other information

Signature of owner: Cecil B. Thompson

Date: December 31, 1963

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA.  
COUNTY OF STILLWATER.  

I hereby certify that the above instrument was recorded in the office of the County Clerk of Montana on the 1st day of December, 1916, at 9:15 o'clock A.M.  

State of Montana,  
County of Stillwater,  

By.  

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

Owner: John Jensen
Address: Columbus
Driller: R. J. Dilling
Address: Fairport, Mont

Date of Notice of Appropriation of Groundwater: 5/14/43
Date Well Started: 5/14/43
Date Completed: 5/15/43

Type of Well: Churn Drill
Equipment Used: Churn Drill

Water Use: Domestic
          Municipal
          Other
          Irrigation

Water: 30'-60' Gravel Sandstone
        50'-64' Gravel Sandstone
        65'-75' Gravel Sandstone
        75'-80' Gray Shale

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. Indicate 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 Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.5 lbs</td>
<td>6 inch</td>
<td>1+</td>
<td>51</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 4.5 feet
Shut-in Pressure for Flowing Well: 60 feet at 15 gal. per minute.
Pumping Water Level: 60 feet
Discharge in gal. per min. of flowing well: 12.25 gal.
How Tested: Boiler + Pump
Length of Test: 2 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).

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: DO 27
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.
STATE OF MONTANA
COUNTY OF STILLWATER

I hereby certify that the above instrument was filed and indexed in this office on the 27th day of May, 1963, at 8:42 o'clock A.M.

SURTEN \\
COUNTY CLERK

By: Deputy
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)
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 may be returned.

<table>
<thead>
<tr>
<th>For Administrator's Use</th>
<th>Owner</th>
<th>Address</th>
<th>Contract No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>File: 204559</td>
<td>R. A. Mikelson</td>
<td>Billings, Montana</td>
<td></td>
</tr>
<tr>
<td>May 8, 1972, 8:20 a.m.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)
   Developed Spring

2. Means of withdrawing water (gravity, pump, canal, etc.)
  Gravity

3. Depth of water table
   Not Known

4. Use of the water
   Stack or Domestic

5. Amount of groundwater claimed (in miner's inches or gallons per minute)
   Not Known

6. If used for irrigation, give number of acres and description of land
   Not used for Irrigation

7. Estimate amount of water used each year
   10,000 gallons

8. Months of year spring flows
   12 Months

Signature of Owner: R. A. Mikelson
Date: May 4, 1972

50,380
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

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 may be returned.

Owner: R. A. Nelson
Address: Billings, Montana

File: 204559
May 8, 1972, 8:20 a.m.

GW 1

Date Started: 5-8-72
Date Completed: 6-9-72

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.):

2. Means of withdrawing water (gravity, pump, canal, etc.): Gravitate

3. Depth of water table: Not known

4. Use of the water: Stock or Domestic

5. Amount of groundwater claimed (in miner's inches or gallons per minute): Not known

6. If used for irrigation, give number of acres and description of land: Not used for irrigation

7. Estimate amount of water used each year: 10,000 gallons

8. Months of year spring flows: 12 months

Signature of Owner: R. A. Nelson
Date: May 9, 1972

50,380
**DECLARATION OF VESTED GROUNDWATER RIGHTS**

(Under Chapter 237, Montana Session Laws, 1961)

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

<table>
<thead>
<tr>
<th>Sec. 1</th>
<th>Sec. 2</th>
<th>Sec. 3</th>
<th>Sec. 4</th>
<th>Sec. 5</th>
<th>Sec. 6</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. **Cecil B. Thompson**, of Columbus, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. **Basis of Beneficial Use**
   - Stock
   - Domestic

3. **Approx date of Use**
   - 1952
   - 1950

4. **Amount claimed in miner's inches or gallons per min.**
   - 60 gal. min.

5. **Acres irrigated**
   - None

6. **Location of Well**
   - NE SW

7. **Means of Withdrawal**
   - Pressure
   - Pressure

8. **Depth of water table**
   - 10 feet
   - 30 feet

9. **Type, size, depth of specifications of works**
   - Dug well
   - Drilled
   - 12" 1/2"
   - 60 1/4" casing

10. **Estimated amount withdrawn annually**
    - 75,000
    - 200,000

11. **Log, if available**
    - NA
    - NA

12. **Other information**
    - None
    - None

**Signature of owner**: Cecil B. Thompson

**Date**: December 31, 1963

**Please answer all questions. If not applicable, so state, otherwise the form will be returned.**
STATE OF MONTANA
ADMINISTRATOR OF THE 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: Jack Geittinger
Address: Columbus, Mont.
Date well started: April 24, 1973
Date well completed: July 21, 1973
Type of well: Drilled
Equipment used: Churn drill
Water Use: Domestic

*Describe use: Will be for home & lawn garden

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: 20,000 Gals

Site at Drilled Date
Site and 6 in. 0.5/8 in. 68 ft
Kind of Drilling
18 ft 97

PERFORATIONS
Top of Ground (Rev. above sea level)

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>20</td>
</tr>
<tr>
<td>24</td>
<td>66</td>
</tr>
<tr>
<td>66</td>
<td>76</td>
</tr>
</tbody>
</table>

Static water level: 50 ft
Pumping water level: 65 ft
at 20 gals per minute measured 10 minutes after pumping began.

*Measured from ground level.
Well developed by: Boilers for: 2 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: Red L. Haigens
Driller's Address: Sec. 32, T5N, R5W, E 1, S 16
LICENSE NO: 27

Show exact depth of bottom

53,250
Office of Clerk & Recorder
STILLWATER COUNTY, IOWA
I hereby certify that the above instrument was received in this office
ON THE 24th DAY OF MAY
A.D. 1972 AT 10 O'CLOCK A.M.

THOMPSON, J. COUNTY RECORDER

[Signature]
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1963**

(State Code—Chapter 237 Montana Session Laws, 1961, as amended)

Date of Notice of appropriation of groundwater: 5/15/69

Date completed: 5/17/69

Drilled: CHURCHILL (Screen, 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 and 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</th>
<th>Size and Weight of casing From To PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled Hole</td>
<td>(Feet)</td>
</tr>
<tr>
<td>6 inch</td>
<td>6 1/2</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 48 feet.

Shut-in Pressure for Flowing Well: 25 feet at: 30 gal. per minute.

Discharge in gal. per min. of flowing well: 48-56 gal.

How Tested: BAILIES

Length of Test: 30 hrs.

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

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

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, 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]
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: Harold Campbell
Address: Columbus, Mont.

Date well started: 8/16/70
Date well completed: 8/18/70

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: 150,000 Gallons

<table>
<thead>
<tr>
<th>Site of Drilled Hole</th>
<th>Size of Drilled Hole (Ft)</th>
<th>Size and Weight of Casing (Ft)</th>
<th>Top of Ground (Ft)</th>
<th>PERFORATIONS</th>
<th>Rate</th>
<th>per minute</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6-inch</td>
<td>6.58</td>
<td>14</td>
<td>52</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1897</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>412</td>
<td>10-91</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 35 ft.
Pumping water level: 60 ft.
at: 15 gallons per minute;
measured 60 minutes after pumping began.

*Measured from ground level.

Well developed by: Bailey
for: 2 hours.

Power: Pump: 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

 chick Casing, 3" of gravel, 3" of shale, 4 feet of sandstone, 12 feet of sandstone, 12 feet of shale,

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

Show exact depth of bottom: 47529
STATE OF MONTANA
COUNTY OF STILLWATER

I hereby certify that the above instrument was filed and indexed in this office on the 16th day of , A.D. 1979, at o'clock P.M.

[Signature]
Recorder

By: [Signature]
Deputy

Fee $2.00
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1935

Owner: L. E. Noble
Address: Columbus, Montana

Contractor (if any): None
Address of Contractor: None

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:

1. free flowing spring
2. free flowing spring
3. group of free flowing springs

Depth not 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:

1, 2, & 3 all used the year around for stock water and irrigation

Signature of Owner: Ella Noble
Date: October 29th, 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.
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.

#1 free flowing spring
#2 free flowing spring
#3 group of free flowing spring

Depth not 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

All used for stock

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 STILLWATER

I hereby certify that the above instrument was filed and indexed in this office on the 20th day of October, A.D. 1959, at 11:25 a.m.

__________________________
Gertrude E. Galenow
COUNTY CLERK

By:

Feu $2.00
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

This form is 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**: Brian W. Ralston

**Address**: 27474

**Date well started and completed**: January 1, 1962

**Type of well**: Drilled

**Equipment used**: 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 date (i.e. Lot, Block and Addition).

**Estimated Annual Withdrawal**: Drilled Weight (Feet) (Feet) [ ]

**Perforations**: Kind From To

**Static water level**: [ ] ft.

**Pumping water level**: [ ] ft.

**at**: [ ] gallons per minute, measured [ ] minutes after pumping began.

**Measured from ground level**.

**Well developed by**: [ ]

**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.

**License No.**: [ ]

**Show exact depth of bottom**: [ ]
Office of Clerk & Recorder
Stillwater County, Montana
I hereby certify that the above instrument was filed & recorded in this office
on the ______ day of ______, 1973
AD 19______ at ________ a.m. ________ p.m.
________________________
COUNTY Recorder
by ________________________ DEPUTY
**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**

D.K. Basloe

**Address**

Billings

**Date well started**

9-15-69

**Date well completed**

9-15-69

**Type of well**

Dug

**Equipment used**

Backhoe

**Water Use**

Domestic

**Use**

Drinking

**Estimated Annual Withdrawal**

360,000 gal.

**Size of Cutting**

6" Surf. 10'

**PERFORATIONS**

Static water level 6 ft.

Pumping water level 6 ft. at 30 gallons per minute, measured 20 minutes after pumping began.

*Measured from ground level.

**Well developed by**

Pumping for 8 hours.

**Power**

Gasoline Pump 1/2 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: Self-proved

Driller's Address

LICENSE NO.
**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:** LLOYD M. DOUGLAS M. STEIN

**Address:** 220 WILLIAM STREET

**BILLSING, MT 59102**

**Date well started:** AUG. 6

**completed:** 9

**Type of well:** DUG BY MR. RICHARDSON, COLUMBUS (Dug, driven, bored or drilled)

**Equipment used:** BACK HOE (Chern 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). LOTS 25 & 26, 1ST ADDN. TO DOLAN'S SUBDIVISION, COLUMBUS ESTIMATED ANNUAL WITHDRAWAL 25000 GAL. 1/2.

---

**Top of Ground**

<table>
<thead>
<tr>
<th>(Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.10</td>
</tr>
</tbody>
</table>

**SAND & GRAVEL WITH LARGE (""") Boulders**

---

**Size of Hole:** 4"

**Metal Pipe:** 3/4""""""""

**Grade:** 1/0""""""""

**Height:** 1/0""""""""

**Kind:** Metal pipe 10 ga. 3/4"

**Valve:** No. 2 valve Grade 1/0 5' 7'""""

---

**Static water level:** 4-0""""...ft.*

**Pumping water level:** 4-6""""...ft.*

**at:** 20 gallons per minute, measured 6 minutes after pumping began.

*Measured from ground level.

---

**Well developed by:** DRAINAGE for 4-TO-6 hours.

**Power:** 9 HP Pump.

**Remarks:** (Gravel packing, cementing, packer, type of shutoff) WASCHED GRAVEL & ROCK PLACED 2' DEEP AT BOTTOM OF WELL

---

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

EACH SMALL SQUARE REPRESENTS 40 ACRES.

NOTE: NO DRILLER INVOLVED. WELL WAS DRILLED BY JOE KINNARD, WHO OCCUPIED LOT 25. ROGUE DEAL.

---

**Driller's Signature:**

**Driller's Address:**

**License No.:**

---

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

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

STATE ENGINEER

1st. Noble and Ella Noble, of Columbus, 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, garden, lawn...

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1935-1960, continuous the year round...

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: just our own garden and lawn...

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: 1935 and 1960...hand dug - 2½" clay tile casing...

8. The depth of water table: 7½ 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: 1½" galv. pipe...

10. The estimated amount of groundwater withdrawn each year: 359,000 gals...

11. The log of formations encountered in the drilling of each well if available: no other log available...

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

Signature of Owner: Ella Noble
Date: October 29th, 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 STILLWATER

I hereby certify that the above instrument was filed and indexed in this office on the 12th day of October, 1904.

A. D. 1904, at Stillwater County, M.

61

County Clerk

Gertrude H. Calhoun

By: Jessie Bishop

Fee $2.00
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

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

<table>
<thead>
<tr>
<th>Sec. 4</th>
<th>Sec. 5</th>
<th>Sec. 6</th>
<th>Sec. 7</th>
<th>Sec. 8</th>
<th>Sec. 9</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

See Plat 1706/6

<table>
<thead>
<tr>
<th>No. 1</th>
<th>No. 2</th>
<th>No. 3</th>
<th>No. 4</th>
<th>No. 5</th>
<th>No. 6</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. Basis of Beneficial Use
   Household use

3. Approx date of Use
   1961
   How continuous?
   Continuous

4. Amount claimed in miner's inches or gallons per min.
   40 gal per min.

5. Acres Irrigated
   Yard
   Description
   Garden

6. Name of Owner
   Edwin R. Sayler

7. Location of Well
   Lot 13 Sec B
   Twp 3S R 20 E M.P.
   Means of Withdrawal
   Elec Pump

8. Date-Commencement
   1961
   Date-Completion
   1961

9. Depth of water table
   6 ft

10. Estimated amount withdrawn annually
    80,000

11. Log, if available
    N.A.

12. Other information
    State Water Conservation Board

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

Signature of owner: Edwin R. Sayler
Date: 11/22/65

File No. 191525
STILLWATER COUNTY
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 3 S Rge 20 E M.P.
STATE OF MONTANA

COUNTY OF STILLWATER

I hereby certify that the above instrument was filed and indexed in this office on the ___ day of Nutrition, A.D. 19__ at ___ o'clock ___ A.M.

Gestaude H. Calhoun
COUNTY RECORDER

By ___________ Deputy
Minnie Knox Woods  
County of Stillwater, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>Wells</th>
<th>Sec. 12</th>
<th>Sec. 7</th>
<th>Sec. 8</th>
<th>Sec. 9</th>
<th>Sec. 10</th>
<th>Sec. 11</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 1</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. 2</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. Basis of Beneficial Use:  
   - Stock use
   - House use

3. Approx date of Use:  
   - Not known
   - 1955

4. Amount claimed in miner's inches or gallons per min:  
   - 20 gal
   - 42 gals per min

5. Acres irrigated:  
   - none
   - Garden 5 yr

6. Location of Well:  
   - Sec 12
   - Sec 7

7. Date-Commencement:  
   - unknown
   - 1955

8. Depth of water table:  
   - 20 ft
   - 12 ft

9. Type, size, depth of specifications of works:  
   - Drilled well
   - 150' deep
   - 500,000

10. Estimated amount withdrawn annually:  
    - 500,000
    - 600,000

11. Log, if available:  
    - NA
    - NA

12. Other information:  
    - None

Signature of owner: George M. Knox  
Date: Dec 30, 1963

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA
COUNTY OF STILLWATER

I hereby certify that the above instrument was filed and indexed in this office on the 20th day of December, A. D. 1966, at 2:30 o'clock P. M.

[Signature]
COUNTY RECORDER

By: ___________________________ Deputy
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]
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: [Type of equipment]

Water use: [Type of use]

Elev. above sea level: [Elevation]

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock of 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.

State of Ground Water

<table>
<thead>
<tr>
<th>Kind</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in.</td>
<td>6 in.</td>
<td>18 ft.</td>
<td>60 ft.</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 53 feet.

Shut-in Pressure for Flowing Well 20 gal. per minute.

Discharge in gal. per min. of flowing well 20 gal. per minute.

How Tested: Bailey

Length of Test: 2 hours

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

Tracel would have lasted in it to 35 ft. when it was tabled

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

[Signature]

Driller's Signature

File No. 198491

Approved Stock Form—State Publishing Co., Helena, Montana—46805
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION 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)

Owner: R. S. Williams
Address: 123 Main St, Helena, MT 59601
Driller: John Driller
Address: 456 Driller Ave, Helena, MT 59602

Date of Notice of Appropriation of Groundwater: January 1, 1972
Date of Notice of Appropriation of Groundwater: 1972
Date Well Started: October 1, 1972
Date Well Completed: February 1, 1972

Type of Well: Bored Well
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>Size of Drilled Hole</th>
<th>Size and Weight of Casing (In Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>18.07</td>
<td>18.07</td>
<td></td>
</tr>
<tr>
<td>14.02</td>
<td>14.02</td>
<td></td>
</tr>
</tbody>
</table>

Stat Water Level for Non-Flowing Well: 40 feet
Shut-in Pressure for Flowing Well: 30 feet
Pumping Water Level: 30 feet
Discharge in gal. per min. of flowing well: 60 gal.

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

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

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).
Office of Clerk & Recorder
Skeeter County, Montana
I hereby certify that the above instrument was filed & indexed in this office
on the 12th day of January
AD 1973, at 8:30'clock A. M.

[Signature]
Clerk Recorder
[Signature]
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Date of Appropriation of Groundwater: 1967

Owner:
Address: Columbus, Montana

Contractor (if any):
Address of Contractor:

Date Started: Date Completed:

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

- Free-flowing spring—undevolved
- Dug-out & concrete box—installed

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 used for watering livestock
Used approx. full year

Signature of Owner:
Date: 12-30-63

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

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

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

Original to be 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 STILLWATER

I hereby certify that the above instrument was filed and entered in the Office on the ___ day of December, 19__
A.D. 19__

[Signature]
COUNTY READER

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

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner:
Joe W. Adair
Columbus, Mont.

Driller:
J. C. H. Drilling
Ft. Peck, Mont.

Date of Notice of appropriation of groundwater........... 12/18/69
Date well started..... 12/19/69 Date completed..... 12/19/69

Type of well Drilled..... Chunnel
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic  Municipa:  Stock  Irrigation  Other

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

Static Water Level for non-flowing well
Shut-In Pressure for Flowing Well
Pumping Water Level
Discharge in gal. per min. of flowing well
How Tested
Length of Test
Remarks: (Gravel packing, cementing, pack-
type of shut-off)

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

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

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

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

Driller's License Number
Driller's Signature.

No 27
4/1/64
<table>
<thead>
<tr>
<th>Owner</th>
<th>Driller</th>
<th>Date Started</th>
<th>Date Completed</th>
<th>Location</th>
<th>Type of well</th>
<th>Equipment used</th>
<th>Churn Drill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jack Healy</td>
<td>R &amp; H Drilling</td>
<td>1/12/61</td>
<td>1/13/61</td>
<td>Sec 9 T 3S R 20E 1/4 sec SWNE</td>
<td>Drilled</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**Casing:**
- 0 ft. to 52 ft. Type: Black Size: 6 in
- 52 ft. to 102 ft. Type: Size: 8 in
- 102 ft. to 152 ft. Type: Size: 10 in

**Perforated or Screened:**
- 0 ft. to 102 ft. 9 ft. to 152 ft.

**Static Water Level:**
- For non-flowing well: 29 feet

**Shut-in Pressure:**
- For flowing well: 60 lb./sq. in. on: (date)

**Pumping Water Level:**
- 10 feet at 30 gal. per min.

**How Tested:**
- Baler

**Length of Test:**
- One hour

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

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 29</td>
<td>Hand dug</td>
</tr>
<tr>
<td>29 to 58</td>
<td>Quick sand</td>
</tr>
<tr>
<td>58 to 62</td>
<td>Hard sandstone</td>
</tr>
<tr>
<td>62 to .70</td>
<td>Gray sandstone (water)</td>
</tr>
</tbody>
</table>