<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>4</td>
<td>Kelnar, W.</td>
<td>NW4</td>
<td>13616</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Kelnar, L.</td>
<td>SW4</td>
<td>16912</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Kelnar, Joseph B.</td>
<td>NW4</td>
<td>12728</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Kelnar, Joseph W.</td>
<td>SW4</td>
<td>13736</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Lysaak, Jacob</td>
<td>Section</td>
<td>3625</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Kristof, Rosy</td>
<td>NW2</td>
<td>8758</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Hovey, Robert</td>
<td>NW4</td>
<td>17294</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Barden, William</td>
<td>SW2</td>
<td>37903</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Kelnar, Joseph B.</td>
<td>NW4</td>
<td>12727</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Kelnar, Joseph W.</td>
<td>SW4</td>
<td>13736</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Hovey, Robert</td>
<td>SW4</td>
<td>17294</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Hovey, Joseph W.</td>
<td>SW4</td>
<td>13736</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Hovey, Robert Ray</td>
<td>NW4</td>
<td>17294</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Kelm, Charles</td>
<td>NW4</td>
<td>13736</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS

(State of Montana, Administrator of Groundwater Code, Office of State Engineer)

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

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

County of ________________ State of ________________

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

2. The beneficial use on which the claim is based. Horse, stock, and pasturage.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been. 1928, until now.

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

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

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

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

8. The depth of water table. 18 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. All data on file with the State Engineer.

10. The estimated amount of groundwater withdrawn each year. 75,000 gallons.

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

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

Signature of Owner: ____________________________

Date: May 14, 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 Fergus.

Filed March 14, 1883, 19...
at 3:45 o'clock P.M.

[Signature]
Clerk and Recorder
State of Montana
Administrator of Groundwater Code
Office of State Engineer

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Appropriator's Name: [Insert Name]
   Address: [Insert Address]
   Town: [Insert Town]
   County: [Insert County]
   State: [Insert State]

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: [Insert Signature]
Date: [Insert Date]

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

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

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

County of Powell

Filed..............No. 1, B 1693
at........3:35........d'chm. O:\ M.

Leon Butler
County Clerk and Recorder

# 202 pt
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Joseph D. Plochman of 325 1/2 Elm St. in Council Town, (Name and Address) have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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

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

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

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

8. The depth of water table:

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

10. The estimated amount of groundwater withdrawn each year:

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

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

Signature of Owner:

Date:

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

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

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

Filed: DEC. 28 1862
at 12:00 o'clock P.M.

Henry Ford
County Clerk and Recorder

12728
COPY
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. [Name] [Address] of [Address], [Town]
   County of [County] State of [State]
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based:
   [Description]

3. Date or approximate date of earliest beneficial use: and how continuous the use has been:
   [Date] [Continuous]

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

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:
   [Acreage]

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

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

8. The depth of water table:
   [Depth]

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:
   [Specifications]

10. The estimated amount of groundwater withdrawn each year:
    [Amount]

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

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:
    [Reference]

Signature of Owner: [Signature]
Date: [Date]

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology; and quadruplicate for the Appropriator.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Alphonse and Leona Siroky
Address:

Driller:
Address:

Date Started:
Date Completed:

Location: Sec. __ T __ R __ W __

Type of well: (Dug, driven, bored, or drilled)
Equipment used: (Churn drill, rotary, others)

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. to 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)
Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>6 ft. gravel</td>
</tr>
<tr>
<td>8</td>
<td>16 ft. sandstone</td>
</tr>
<tr>
<td>18</td>
<td>27 ft. sandstone and water, 1 gal per minute</td>
</tr>
<tr>
<td>27</td>
<td>40 ft. clay</td>
</tr>
<tr>
<td>43</td>
<td>61 ft. clay</td>
</tr>
<tr>
<td>81</td>
<td>82 ft. stone and little water</td>
</tr>
<tr>
<td>82</td>
<td>111 ft. brown shale</td>
</tr>
<tr>
<td>111</td>
<td>975 ft. bennett shale</td>
</tr>
<tr>
<td>975</td>
<td>978 ft. sandstone</td>
</tr>
<tr>
<td>978</td>
<td>988 ft. red shale and coal</td>
</tr>
<tr>
<td>988</td>
<td>1001 ft. sandstone streaks</td>
</tr>
<tr>
<td>1001</td>
<td>1007 ft. grey shale streaks</td>
</tr>
<tr>
<td>1007</td>
<td>1014 ft. sand streaks and shale</td>
</tr>
<tr>
<td>1014</td>
<td>1099 ft. limestone grey shale</td>
</tr>
<tr>
<td>1099</td>
<td>1213 ft. grey shale streaks and coal</td>
</tr>
</tbody>
</table>

Tested at 22-42 gal. per minute water proof.

Livingston estate continued from this depth.

2680 ft. drilling at $1.50 per ft.
227 ft. fan. Oil. surft. pipe at $2.50 per ft.
55 ft. 540 deg casing at $3.15 per ft.
179 ft. leg, casing at $3.75 per ft.
Lubin anchor packer $311.75
Balor total packer

Total $796.00
### WATER WELL LOG

**Owner:** Lona and Leona Stroky  
**Address:**  

**Driller:**  
**Address:**  

**Date Started:**  
**Date Completed:**  

**Location:** Sec. 10 T. 7 R. 2 1/4 sec. W. 4 M. E  

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

<table>
<thead>
<tr>
<th>Water use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>ft. to</th>
<th>ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
</table>

**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)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>121</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>125</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>125-130</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>130</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>131-164</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>165</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>165-170</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>171</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>171-175</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>176</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>177-178</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>179</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>180-184</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>185</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>186</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>190-200</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>201</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>202</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>203</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>204-205</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>206</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>207</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>208-209</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>210</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>211-215</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>216</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>217</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>218</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>219</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>220</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>221</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>222</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>223</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>224</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>225</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>226</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>227</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>228</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>229</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>230</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>231</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>232</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>233-234</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>235</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>236</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>237</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>238</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>239</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>240-241</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>242</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>243</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>244</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>245</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>246</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>247</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>248</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>249</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>250</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>251</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>252</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>253</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>254</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>255</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>256</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>257</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>258</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>259</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>260</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>261</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>262</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
<tr>
<td>263</td>
<td>Dark gray clay, some water, silt, tufa.</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: F. OY PETTIS
Address: BOY, MONTANA

Driller: SNOWY DRILLING
Address: BILLY GT, MONTANA

Date of Notice of Appropriation of Groundwater:

Date well started: 2-3-62
Date Completed: 2-12-62

Type of well: DRILLED
Equipped: ROTARY RIG
(dug, driven, bored or drilled)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-1/4&quot;</td>
<td>4-1/2&quot;</td>
<td>0</td>
<td>2052</td>
<td>Slotted</td>
<td>1898</td>
<td>1992</td>
</tr>
<tr>
<td>9,5#</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 80 feet.

Shut-in Pressure for Flowing Well: 40#.

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

Discharge in gals per min. of flowing well: 60.

How Tested: Tank
Length of Test: Shrs

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.

TOTAL DEPTH 2052'

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 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. (Name of Appropriator) of (Address) (Town) of the State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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 is:

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

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

8. The depth of water table is:

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 is:

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

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

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 is:

Signature of Owner:

Date:

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
State of Montana,
County of Fergus.) ss.

Filed. DECEMBER 13, 1863
at 11:30 a.m.

MAY RATHBUN
County Clerk and Recorder
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: P. FLICK Address: ROY, MONTANA
Digger: MARVIN LEE Address: ROY, MONTANA

Date of Notice of appropriation of groundwater...
Date well started: AUG. 10, 1966...Date completed: OCT. 15, 1966

Type of well...DUG...Equipment used...Spade & Pick
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)
Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

Indicate on this 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 Defined Hole</th>
<th>Size and Weight of Casing</th>
<th>From</th>
<th>To</th>
<th>PERFORMANCES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(Feet)</td>
<td>(Feet)</td>
<td>Kind</td>
</tr>
<tr>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>Well</td>
</tr>
<tr>
<td>W</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

From surface, dug through about 5 feet of clay, then 3 feet of gravel, then 2 feet of bentonite. Well is 6 feet in diameter, 10 feet deep, and inside is bricked. Covered with automatic pump, runs about 3 gal per minute out of pipe installed in side of well about 3 feet from bottom. Pipe comes out into coulee.

Static Water Level for non-flowing well...About 7 feet from top of coulee well
Shut-in Pressure for Flowing Well...
Pumping Water Level...2 feet from top at 3 gal. per minute.
Discharge in gal. per min. of flowing well...3 gal. per minute out of pipe
How Tested...watch & can
Length of Test...over 3 weeks
Remarks: (Gravel packing, cementing, packers, type of shutter)...irri Hak at bottom of well packed and placed in without mortar.

NUK: 6 2 T. A. R. E. C.
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).

House, stockwater, domestic—irrigation of garden plot. Will run into tank for stock.

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.

Driller's License Number
Mason P. Miller
Driller's Signature
11/2/66

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

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

(Name of Appropriator) (Address) (Town)
County of State of have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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 water's inches or gallons per minute).

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner
Date

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

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

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

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

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

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

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 until the present:

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

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

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

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

8. The depth of water table:

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

10. The estimated amount of groundwater withdrawn each year:

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

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

Signature of Owner ________________________ Date ________

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

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

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

Filed: Sep 28, 1962
at 4:00 o'clock P.M.

Mary Matthews
County Clerk and Recorder

Copy
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**1. Ray S. Haynes**, of [Address], [Town], State of [State], have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

- **Q.** Livestock watering
- **Q.** Livestock watering

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

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

**3.** Date or approximate date of earliest beneficial use; and how continuous the use has been: 
- **Q.** 1940 for summer livestock watering
- **Q.** 1940 for summer livestock watering

**4.** The amount of groundwater claimed (in miner's inches or gallons per minute): 
- **Q.** 7 gal. 
- **Q.** 4 gal.

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

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

- **Q.** Drilled well
- **Q.** Drilled well

**7.** The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 
- **Q.** 1940 
- **Q.** 1945

**8.** The depth of water table: 
- **Q.** 25 ft. 
- **Q.** 150 ft.

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

**10.** The estimated amount of groundwater withdrawn each year: 
- **Q.** 4,000 gal. 
- **Q.** 3,000 gal.

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

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

**Signature of Owner:** [Signature]  
**Date:** 12/30/68

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, as stated, 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 Appraiser.
State of Montana,

County of Fergus.

Filed

at 11:30 a.m.,

of

and

Dec. 3, 1963

MAY RATHBUN

County Clerk and Recorder
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

State of Montana

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

---

**HORNA**

Owner: Hazel Bros.  Address: Lewistown, Montana

Driller: George G. Singles  Address: Lewistown, Montana

Date of Notice of appropriation of groundwater: **None**

Date well started: **March 14, 1966**  Date completed: **March 14, 1966**

Type of well: **Drilled**  Equipment used: **Rotary**

(Dug, Driven, bored or drilled) *(Churn drill, rotary or other)*

Water use:  Domestic ☐  Municipal ☐  Stock ☐  Irrigation ☐

Industrial ☐  Drainage ☐  Other ☐

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

---

**Indications for Well Logs:**

<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>5-5/8&quot;</td>
<td>4&quot; slots 45</td>
<td>95</td>
<td>95</td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well:** 44 feet.

**Shut-in Pressure for flowing well:** 0 feet.

**Pumping Water Level:** 40 feet.

Discharge in gal. per min. of flowing well: **None**

How Tested: **Air and Balloon**

Length of Test: **1 hour**

Remarks: (Gravel packing, cementing, packing... type of slotted)... **Casing sealed at 45'**

---

**Diagram:**

- N  E  S  W
- 6  7  8  9
- 32  33  34  35

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).

---

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: 249

Driller's Signature: [Signature]

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

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

1. Ray C. Haring
   (Name of Appropriator)
   (City)

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
   (A) 1950 (B) 1951 (C) 1952

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, age and depth of each well or the general specifications of any other apparatus 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Clarence R. Smith, of Lewistown, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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

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

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

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

8. The depth of water table: 

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

10. The estimated amount of groundwater withdrawn each year: 

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

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

Signature of Owner: Clarence R. Smith
Date: Dec. 30, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
<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>Southworth, Frank J</td>
<td>27A</td>
<td>17450</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Southworth, Frank J</td>
<td>27A</td>
<td>17450</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Southworth, Frank J</td>
<td>27A</td>
<td>17450</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Southworth, Frank J</td>
<td>27A</td>
<td>17450</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Southworth, Frank J</td>
<td>27A</td>
<td>17450</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Southworth, Frank J</td>
<td>27A</td>
<td>17450</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Southworth, Frank J</td>
<td>27A</td>
<td>17450</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Southworth, Frank J</td>
<td>27A</td>
<td>17450</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Southworth, Frank J</td>
<td>27A</td>
<td>17450</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Southworth, Frank J</td>
<td>27A</td>
<td>17450</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Southworth, Frank J</td>
<td>27A</td>
<td>17450</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Southworth, Frank J</td>
<td>27A</td>
<td>17450</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Southworth, Frank J</td>
<td>27A</td>
<td>17450</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Southworth, Frank J</td>
<td>27A</td>
<td>17450</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Southworth, Frank J</td>
<td>27A</td>
<td>17450</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Southworth, Frank J</td>
<td>27A</td>
<td>17450</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. John Smith
   (Name of Appropriator)
   (Address) (Town)
   County of Fergus, State of 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: livestock

   Date or approximate date of earliest beneficial use; and how continuous the use has been since that time: 1950, used continuously

   The amount of groundwater claimed (in miner’s inches or gallons per minute): all flood waters extracted by dam of 25,000 cubic yard capacity

   If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: not applicable

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

   The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1950

   The depth of water table: not applicable

   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: dam impounding 2500 cubic yard capacity

   The estimated amount of groundwater withdrawn each year: see above

   The log of formations encountered in the drilling of each well if available: not applicable

   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 applicable

   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 Appropiator.

   Signature of Owner: John Smith
   Date: December 30, 1968

   18428
COPY

State of Montana,
County of

Filed: DEC 3 1963
8:30 a.m.

MAY BATHBUN
County Clerk and Recorder

$2.00 A
<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>W</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) all flood waters trapped by dam of 6000 cubic yard capacity

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 not applicable

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

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

8. The depth of water table not applicable

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 dam impounding 6000 cubic yard capacity

10. The estimated amount of groundwater withdrawn each year see above

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

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 applicable
State of Montana, County of

Filed DEC 3 1963
at 8:30 o'clock A.M.

MAY RATHBUN
County Clerk and Recorder
Mr. Frank Southworth, Roy, Montana

May 15, 1964

Dec. 31, 1963

(See Below)

from reservoirs storing floodwaters

---

Document Numbers

17438 17430
17439 17431
17460 17432
17461 17434
17462 17436
17469 17437
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 1946
Owner: Agnes Bauman Address: Roy, Montana
Contractor (if any) Hugh Ford
Address of Contractor Whidfred, Montana
Date Started 1946 Date Completed 1946

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. This water is natural run off into
reservoirs. 1 reservoir is 5 feet deep - 1 reservoir is
23 feet deep.

Quantity of water developed and used with explanation of meth-
od used to measure or estimate such amount. If use is intermit-
tent estimate approximate lengths of periods of use

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

1 Reservoir holds 20 acre feet of water in a normal year.
1 Reservoir holds 100 acre feet of water in a normal year.
These reservoirs are used the whole year when water is
available, but due to lack of moisture in 1961 there was
not enough water for steady use

Signature of Owner: Agnes Bauman
Date: February 12, 1962

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the
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. Name of Appropriator: Frank J. Southworth
   Address: 1234 Main St.
   Town: Helena
   County: Fergus
   State: Montana

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

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

3. Date of or approximate date of earliest beneficial use; and how continuous the use has been since then: 1946

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 0

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: 500 acres

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1946

8. The depth of water table: 20 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: Well

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

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

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: Frank J. Southworth
Date: December 20, 1962

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

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

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

Filed DEC 3 1963
at 8:30 o'clock A.M.

20c F. W. Roth 
County Clerk and Recorder
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Frank J. Southworth, of Roy
   (Name of Appropriator)

   County of Perm., State of Montana
   (Address) (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:

      stockwater

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1960, used continuously since that time

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

      all flood waters entraped by dam of 18000 cubic yards capacity

   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: not applicable

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

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

   8. The depth of water table: not applicable

   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 and impounding 15000 cubic yards capacity:

   10. The estimated amount of groundwater withdrawn each year: see above

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

   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 applicable

   Signature of Owner: Frank J. Southworth
   Date: December 30, 1963

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

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

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

18930
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: John T. Anderson
Address: 123 Main St., Bozeman, Mont.
Driller: George P. Clark
Address: Miles City, Mont.

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

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

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

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

---

Static Water Level for non-flowing Well: feet
Shut-in Pressure for Flowing Well: 50 lb.
Pumping Water Level: feet at gal. per minute.
Discharge in gal. per min. of flowing well: 20 g.p.m.
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)

Cemented with 34 packers

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 School of Mines and quadruplicate for the Appropriator.
Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. Harold W. Brassard, 266 East Third, Lewistown, Lewis County, Montana, intends to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is Stock Water and Irrigation Sections 11 and 21, Township 13 North, Range 21 East, Montana Meridian.

3. The rate of use in gallons per minute or miner's inches of groundwater claimed.

4. The annual period (inclusive dates) of intended use.

5. The probable or intended date of first beneficial use.

6. The probable or intended date of commencement and completion of the well or wells.

7. The location, type, size and depth of well or wells contemplated.

8. The probable or estimated depth of the water table or artesian aquifer.

9. Name, address and license number of the driller engaged.

10. Give such other similar information as may be useful in carrying out the policy of this act to run the water into a dam to conserve it and also to pipe some into residence.

As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

Three copies of this notice are to be filed with 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 Appropriate.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. (Name of Appropriator)
   (Address)
   (Town)
   County of ____________
   State of ____________

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

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

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner: __________________________

Date: ____________

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

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

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

STATE OF MONTANA
ADVISOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Under Chapter 237, Montana Session Laws, 1961

1. Frank J. Southworth, of Roy
   (Name of Appropriator) (Address) (Town)
   County of Fergus, 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 since that time: 1960, used continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) all flood waters trapped by dam of 7,500 cubic yards capacity

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: not applicable

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

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

8. The depth of water table: not applicable

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 dam impounding 7,500 cubic yards capacity

10. The estimated amount of groundwater withdrawn each year: see above

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

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

Signature of Owner: Frank J. Southworth
Date December 30, 1965

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

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

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

Filed: DEC 3 1963
at 8:30 a.m.

MAY 3

County Clerk and Recorder
### Notice of Completion of Groundwater Appropriation by Means of Well

#### DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** Lonnie Adams  
**Address:** Foreth, Montana

**Driller:** Munson Drilling  
**Address:** Grass Range, Mont.

**Date of Notice of appropriation of groundwater:** Not applicable

**Date well started:** July 10, 1967  
**Date completed:** Aug. 9, 1967

**Type of well:** Drilled  
**Equipment used:** Rotary

**Water use:** Domestic  
**Municipal**

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: Perforations

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | Depth (Feet) | Casing Material
|----------------------|---------------------------|-------------|-----------|--------------|------------------|
| 133/4'' | 8 5/8 | 0 | 105 | 6% | WT 285'/ft. black
| 6'' | 4 6/0. D | 0 | 160 | 8% | WT 10.8'/ft. black

### Diagram

- **Static Water Level for non-flowing well:** 33 ft.
- **Shut-in Pressure for Flowing Well:**
- **Pumping Water Level:** 140-150 ft.
- **Discharge in gal. per min. of flowing well:**
- **How Tested:** Bailing
- **Length of Test:** 50 hrs.
- **Remarks:** (Gravel packing, cementing, packers, type of slug) 105 ft. 85/8'' O.D. casing cemented to bottom to top - 41/2'' O.D. casing ran 0-1600' cemented thru mud 0-1600' perforated 2007 to 2150

**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:**

---

**County:** Fergus
State of Montana,  
County of Fergus, SS.

Filed: SEP 8, 1967, 10:30 A.M.

Mary Smith
County Clerk and Recorder
L.C. of Lonnie Adams Well

- 20-100 Gravel (sands, sandstone, "possible" conglomerate)
- 180-200 Limey shale (gray, "possible" conglomerate)
- 200-2150 Fine sand ("possible" conglomerate)
- 2150-2200 Bentonite clay

- Static T.D. Static Water Level to 83'
- Drawdown 140' to 150'
- Possible some Fox Hill "sandstone"

- Indicated Colorado Formations

- Indicates Carboniferous and Black to Greyish Shale
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

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

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

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

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

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

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

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

8. The depth of water table... 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... Aug... 5 ft.

10. The estimated amount of groundwater withdrawn each year... gallons.

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

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

Signature of Owner... Date 12-30-61.

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

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

Original to the Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, etc. Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

(Name of Appropriator) of 

County of 

State of 

Address 

(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 average 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, as stated, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Frank J. Benthworth
   (Name of Appropriator)
   of
   (Address)
   (Town)
   County of
   State of
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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: December 30, 1963

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
State of Montana, ss.
County of Fergus

Filed

DEC 3 1963

MAY RAISBURN
County Clerk and Recorder