STATE OF MONTANA,

MISSOULA COUNTY,

FILED THIS 31 DAY OF
DECEMBER A.D. 1963
AT 12:45 O'CLOCK P.M.

L. E. MACKE
COUNTY RECORDER

DEPUTY
<table>
<thead>
<tr>
<th>Date Started</th>
<th>T</th>
<th>County</th>
<th>1957</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Completed</td>
<td>55</td>
<td>MONTANA BUREAU OF MINES AND GEOLOGY</td>
<td>56</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location:</th>
<th>Sec.</th>
<th>T</th>
<th>R</th>
<th>30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of well</td>
<td>Drilled</td>
<td>Equipment used</td>
<td>Churn Drill</td>
<td></td>
</tr>
<tr>
<td>Water use:</td>
<td>Domestic</td>
<td>Municipal</td>
<td>Stock</td>
<td>Irrigation</td>
</tr>
<tr>
<td>Casing:</td>
<td>Surface to 18 ft.</td>
<td>Type</td>
<td>Steel</td>
<td>Size</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to</td>
<td>Type</td>
<td>Steel</td>
<td>Size</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to</td>
<td>Type</td>
<td>Steel</td>
<td>Size</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft. 10 to 38</td>
<td>Ft. 38 to 58</td>
<td>Drilled</td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>feet</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in. on: (date)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>10 feet at</td>
<td>10 gal. per min</td>
<td></td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td>Bailing out hour</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(over)
<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>10</td>
</tr>
<tr>
<td>10</td>
<td>18</td>
</tr>
<tr>
<td>18</td>
<td>40</td>
</tr>
<tr>
<td>40</td>
<td>47</td>
</tr>
<tr>
<td>47</td>
<td>57</td>
</tr>
<tr>
<td>57</td>
<td>58</td>
</tr>
<tr>
<td>58</td>
<td>60</td>
</tr>
<tr>
<td>60</td>
<td>62</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Harry Johnson, of Musselshell, 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 ava.

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

Signature of Owner

Date

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA
MUSELSHELL COUNTY.

FILED THIS 13 DAY OF
FEBRUARY A.D. 1967
AT 11:00 O'CLOCK A.M.

S. H. MATZKE
COUNTY RECORDER

ELLA E. GROVING
DEPUTY
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** Orville O. Trehle  
**Address:** Missoula, Mont.

**Type of Well:** Drilled  
**Equipment Used:** Cello tool

**Date of Notice of Appropriation of Groundwater:** 9/10/71  
**Date Well Started:** 8/25/71  
**Date Completed:** 8/26/71

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

---

**Static Water Level for non-flowing Well:** 36 feet

**Shut-in Pressure for Flowing Well:** Well - Flowing

**Pumping Water Level:** 46 feet at 35 gal. per minute.

**Discharge in gal. per min. of flowing well:** Well - Flowing

**How Tested:** Bailed  
**Length of Test:** 1 hour

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

---

**Driller’s License Number:** 30 feet 55

**Driller’s Signature:**

---

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

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

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

**Owner:** Arvella Treible  
**Address:** Spangle

**Driller:** Arvella Treible  
**Address:** Spangle

**Date Started:** 9/1  
**Date Completed:** 9/20

**Location:** Sec. 31 T. 7 R. 30  
**W. C. Corns.

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Equipment used</th>
<th>Spindle</th>
</tr>
</thead>
</table>

**Type of use:**
- [ ] Domestic
- [ ] Municipal
- [ ] Stock
- [ ] Irrigation
- [ ] Industrial
- [ ] Drainage
- [ ] Other: 

**Casing:**
- [ ] 0 ft. to 60 ft.  
  Type:  
  Size: 6"  

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Perforated or Screened:**
- [ ] 0 ft. to 50 ft.  
  Type:  
  Size:  

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

**Pumping water level:**
- [ ] 50 feet at  
  (date)  
  gal. per min.

**How tested:**
- [ ] loaded

**Length of test:**
- [ ] 30 min.

**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 – 15</td>
<td>Dirt</td>
</tr>
<tr>
<td>15 – 22</td>
<td>Gravel &amp; sand</td>
</tr>
<tr>
<td>22 – 28</td>
<td>Sandstone</td>
</tr>
<tr>
<td>28 – 30</td>
<td>Coal</td>
</tr>
<tr>
<td>30 – 40</td>
<td>Grey clay</td>
</tr>
<tr>
<td>40 – 45</td>
<td>Wood, Rock</td>
</tr>
<tr>
<td>45 – 60</td>
<td>Blue shale</td>
</tr>
<tr>
<td></td>
<td>Water at 50 ft, flowed at 15 gph</td>
</tr>
<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
</tr>
<tr>
<td>------</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>2</td>
<td>Elmgardy Ranch Co</td>
</tr>
<tr>
<td>4</td>
<td>E.F. Ranch</td>
</tr>
<tr>
<td>6</td>
<td>Bell, R.D.</td>
</tr>
<tr>
<td>11</td>
<td>Robert-Kanay Cattle Co</td>
</tr>
<tr>
<td>11</td>
<td>&quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>11</td>
<td>&quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>14</td>
<td>&quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>15</td>
<td>State of Montana</td>
</tr>
<tr>
<td>21</td>
<td>E.F. Ranch</td>
</tr>
<tr>
<td>22</td>
<td>Aplin, Wm.</td>
</tr>
<tr>
<td>26</td>
<td>&quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>26</td>
<td>Robert-Kanay Cattle Co</td>
</tr>
<tr>
<td>28</td>
<td>Bell, Wm.</td>
</tr>
<tr>
<td>28</td>
<td>E.F. Ranch</td>
</tr>
<tr>
<td>33</td>
<td>&quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>39</td>
<td>&quot; &quot; &quot;</td>
</tr>
<tr>
<td>36</td>
<td>State of Montana</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)

[Form details]

1. Hargrave Ranch Co., or Box 247, Roundup, Mont.
   (Name of Appropriator) (Address) (Town)
   County of Musselshell, State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

   2. The beneficial use on which the claim is based
      [Diagram showing grid with water table indicated]
      [Legend: N, S, E, W]
      Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      [Specifications: 1965, used since, per year]

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      [Value: 25 gal. per min.]

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      [Details: 1965, 1966]

   8. The depth of water table
      [Value: 24 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
      [Details: 16 in. hole, cased to bottom - 46 ft. deep, pumped and windmill]

   10. The estimated amount of groundwater withdrawn each year
        [Value: 120,000 gal]

   11. The log of formations encountered in the drilling of each well if available
        [Recording: earth, shale and sandstone]

   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
        [Notes: no other record]

Signature of Owner: Hargrave Ranch Co.
Date: 11-21-63

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

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

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

85/71
STATE OF MONTANA, MUSSELHELL COUNTY

FILED THIS 10 DAY OF DEC A.D. 1963
AT 2:30 O'CLOCK, P.M.

B. H. MATTKE
COUNTY RECORDER

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

Owner: E.C. Ranch
Address: Roundup, Montana
Driller: Harry McConnell
Address: Roundup, Montana

Date of Notice of Appropriation of groundwater:

Date of well started:
Date completed:

Type of well:
Equipment used:

Water:
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
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, packers, type of shutoff, etc.)

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).

For livestock

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 copies 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
Form No. 18
8-60

T. 6 R. 24

County

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner

Address

Driller

Address

Date Started 9-10-61 Date Completed 9-20-61

Location: Sec. 6 T. 6 R. 24 1/4 sec. 7,6

Type of well (drilled, driven, bored, or drilled)

Equipment used (pump, drill, rotary, other)

Water use: Domestic □ Municipal □ Stock □ Irrigation □

Industrial □ Drainage □ Other □

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations

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

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

Pumping water level feet at gal. per min.

How tested: drilling

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>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>3</td>
<td>Surface</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>30</td>
<td>Porous sand, rock, no water</td>
</tr>
<tr>
<td></td>
<td>30</td>
<td>165</td>
<td>Light blue shale</td>
</tr>
<tr>
<td></td>
<td>165</td>
<td>178</td>
<td>Sandy shale</td>
</tr>
<tr>
<td></td>
<td>178</td>
<td>180</td>
<td>Sandy, H₂O, 2 gal per min.</td>
</tr>
<tr>
<td></td>
<td>180</td>
<td>228</td>
<td>Sandy, light blue shale</td>
</tr>
<tr>
<td></td>
<td>228</td>
<td>240</td>
<td>Sandy shale</td>
</tr>
<tr>
<td></td>
<td>240</td>
<td>343</td>
<td>Sandy, H₂O, 3½ gal per min.</td>
</tr>
<tr>
<td></td>
<td>343</td>
<td>254</td>
<td>Shale</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 1900

Cattle Company
Owner
Roundup, Montana

Contractor (if any)
None

Address of Contractor
None

Date Started
None
Date Completed
None

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

Depth to water: 2 foot below ground level.

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

Continuous use.

20 gallons per hour. Estimated by cattle consumption.

Continuous use.

Signature of Owner

President

Robert J. Don's Cattle Company

Date
December 16, 1963

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

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

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

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

FILED THIS 17TH DAY OF
Dec. A.D. 1963
AT 1:32 O'CLOCK P.M.

B. H. MATZKE
COUNTY RECORDER

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: Roberts Loan & Cattle Co.
Address: Goulding Creek Rd., P.O. Box 53774
Roundup, Mont. 59072

Date well started: April 12, 1969
Date well completed: April 22, 1970

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 Chisel</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>KIND</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 3/4 5&quot; plastic</td>
<td></td>
<td>0</td>
<td>260</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 180 feet
Pumping water level: 200 feet

Gallons per minute: 100
Minutes after pumping began: 5

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

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

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

Driller's Signature: ____________________________
Driller's Address: Box 246, Roundup, Mont. 59072

LICENSE NO: 469

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>22 sandstone</td>
</tr>
<tr>
<td>22</td>
<td>Coal</td>
</tr>
<tr>
<td>24</td>
<td>50 Gray shale /sandstone streaks</td>
</tr>
<tr>
<td>50</td>
<td>Coal</td>
</tr>
<tr>
<td>55</td>
<td>60 Gray shale /ssa shale</td>
</tr>
<tr>
<td>69</td>
<td>72 blue shale</td>
</tr>
<tr>
<td>72</td>
<td>78 sand</td>
</tr>
<tr>
<td>74</td>
<td>94 blue shale</td>
</tr>
<tr>
<td>94</td>
<td>113 sand</td>
</tr>
<tr>
<td>103</td>
<td>126 shale</td>
</tr>
<tr>
<td>126</td>
<td>133 sand</td>
</tr>
<tr>
<td>133</td>
<td>209 shale</td>
</tr>
<tr>
<td>205</td>
<td>212 sand</td>
</tr>
<tr>
<td>217</td>
<td>249 shale</td>
</tr>
<tr>
<td>245</td>
<td>259 sand</td>
</tr>
<tr>
<td>259</td>
<td>260 shale</td>
</tr>
</tbody>
</table>

260' Show exact depth of bottom

50 5/3
STATE OF MONTANA
MUSSEL SHELL COUNTY

Filed the 22nd day of

June A.D. 1921

At 2:00 o'clock P.M.

CLAUDE F. FLETCHER
COUNTY RECORDER

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

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

Wm. Spidel, President,
Roberts Loan & Cattle Company, of Box 507 Roundup
County of Musselshell, State of Montana

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

1. The beneficial use on which the claim is based Stock water.

2. Date or approximate date of earliest beneficial use; and how continuous the use has been Prior to 1920. Continuous use.

3. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 gallons per minute.

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

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

6. The depth of water table Unknown.

7. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well, 150 feet deep; 8 inch hole; 6 inch casing; 120 foot water level.

8. The estimated amount of groundwater withdrawn each year 100,000 gallons.

9. The log of formations encountered in the drilling of each well if available None.

10. 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
Roberts Loan & Cattle Company
President
Date December 16, 1963

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

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

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

FILED THIS 17TH DAY OF

A. D. 1963

AT 3:37 O'CLOCK P.M.

B. H. MATZKE  
COUNTY RECORDER

[Signature]

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: Roberts Loan & Cattle Co.
Address: Goulding Creek Rd., Roundup, Mont. 59072

Date well started: 2/23/72
Completed: 2/24/72

Type of well: Drilled

Equipment used: Rotary

Water Use: Domestic

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Rise and Weight of Casing</th>
<th>Rise (Feet)</th>
<th>To (Feet)</th>
<th>Kind of</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 3/4&quot; E plastic</td>
<td>0</td>
<td>130'</td>
<td>drilled</td>
<td>110'</td>
<td>130'</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level 100 ft.
Pumping water level 120 ft.
at 7 gallons per minute, measured minutes after pumping began.

*Measured from ground level.

Well developed by air for 3 hours.
Power: Mindell 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: Kelly
Driller's Address: Kelly Drilling Co., Box 246

Roundup, Mont. 59072 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</td>
</tr>
<tr>
<td>18</td>
<td>19</td>
</tr>
<tr>
<td>19</td>
<td>22</td>
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<tr>
<td>22</td>
<td>27</td>
</tr>
<tr>
<td>27</td>
<td>37</td>
</tr>
<tr>
<td>37</td>
<td>118.125</td>
</tr>
<tr>
<td>118.125</td>
<td>125</td>
</tr>
</tbody>
</table>

Show exact depth of bottom 130'
STATE OF MONTANA,
MUSSELHELL COUNTY,  

FILED THIS 15TH DAY OF

May 1915

A. D. 1915

AT 9:00 O'CLOCK A.M.

CLAUSE F. FLETCHER
COUNTY RECORDER

DEPUTY
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Before 1900

Owner: State of Montana, Address: Roundup, Montana

Contractor (if any): None

Address of Contractor: None

Date Started: None

Date Completed: None

Describe means of obtaining groundwater without a well “as by sub-irrigation and other natural processes”. Include depth to water when applicable. Spring with dredged earth.

Tank: Depth: Ground level:

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent, estimate approximate lengths of periods of use. 10 gallons per minute. Estimated by cattle consumption. Continuous use.

Signature of Owner: Lessor.

Date: December 16, 1963

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

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

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

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

FILED THIS 17TH DAY OF

A. D. 1963

AT 3:23 O'CLOCK P.M.

B. H. MATZKE
COUNTY RECORDER

COUNTY RECORDER

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

Owner: E. E. Berg Address: Roundup, Mont.
Date of Notice of appropriation of groundwater:
Date well started:
Type of well: Drilled Well
Equipment: Chisel (Chisel, rotary or other)
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 Holes</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Depth (Feet)</th>
<th>Static Water Level for non-flowing well</th>
</tr>
</thead>
<tbody>
<tr>
<td>8'</td>
<td>17#</td>
<td>0</td>
<td>30</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

Shut-in Pressure for Flowing Well:
Pumping Water Level:
at 36 gal. per minute.
Discharge in gal. per min. of flowing well:
How Tested:
Length of Test:
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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).

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.
Notice of Completion of Groundwater Appropriation—Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Prior to 1900

Owner: Wm. Spidel
Address: Roundup, Montana

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

Date Started: None
Date Completed: None

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring with dredged earth tank. Depth to water: 3 feet below ground level.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. 60 gallons per hour. Estimated by cattle consumption.

Continuous use.

Signature of Owner: Wm. Spidel
Date: December 16, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; TriPLICATE to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA, 
MUSSELHELL COUNTY. 

Filed this 17th day of 
MAY, A.D. 1963 
at 3:20 o'clock P.M. 

B. H. MATZKE 
COUNTY RECORDER 

DEPUTY
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Prior to 1900
Owner: Spidel  Address: Roundup, Montana
Contractor (if any): None
Address of Contractor: None
Date Started: None  Date Completed: None

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Spring with dredged earth
tank. Depth to water: four feet below ground
level. Maintains level during hot dry weather.

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. 30 gallons
per hour. Estimated by cattle consumption.

Signature of Owner: Spidel
Date: December 16, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA
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 1900
Owner: Roberts Loan & Cattle Company
Address: Roundup, Montana
Contractor (if any): None
Address of Contractor: None
Date Started: None
Date Completed: None

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring-dredged and cribbed up. Depth: ground level.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. 80 gallons per hour. Estimated by cattle consumption.

Signature of Owner: President
Roberts Loan & Cattle Company
Date: December 16, 1963

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

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

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

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

FILED THIS 11 DAY OF NOVEMBER, A.D. 1963
AT 3:34 O'CLOCK P.M.

B. H. MATZKE
COUNTY RECORDER

CLAIRE J. F. STONE
DEPUTY
<table>
<thead>
<tr>
<th>Form No. 18</th>
<th>8-60</th>
</tr>
</thead>
<tbody>
<tr>
<td>T.</td>
<td>6</td>
</tr>
<tr>
<td>R.</td>
<td>24</td>
</tr>
<tr>
<td>County</td>
<td>Missoula</td>
</tr>
</tbody>
</table>

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner | J. A. Blevin | Address | West Glacier, Mont |
Driller | L. L. Ferguson | Address | West Glacier, Mont |
Date Started | 12-3-61 | Date Completed | 12-5-61 |
Location: Sec. 28 T. 6 R. 24 1/4 sec. NW NW

Type of well | Drilled | Equipment used | Churn |
Water use: Domestic | Municipal | Stock | Irrigation |
Industrial | Drainage | Other |

Casing: 1 ft. to 3 ft. Type | Galer | Size | 6 in |
Casing: | ft. to | ft. | Type | Size |
Casing: | ft. to | ft. | Type | Size |
Perforated or Screened: Ft. 35 to ft. 45. Ft. 55 to ft. 73 |
Type of screen or perforations | chime |
Static Water level, for non-flowing well: 20 feet |
Shut-in pressure, for flowing well: | lb./sq. in. on: |

Pumping water level | 42 feet at | 100 gal. per min. |

| How tested: | | |
| Length of test | 1/2 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>From 0 to 5</td>
<td>Sand, 0.04 to 1.5%</td>
</tr>
<tr>
<td>5 to 35</td>
<td>Light blue shale</td>
</tr>
<tr>
<td>35 to 42</td>
<td>Borehole sand, 0.6 to 10 gal. per min.</td>
</tr>
<tr>
<td>42 to 65</td>
<td>Ashes</td>
</tr>
<tr>
<td>65 to 71</td>
<td></td>
</tr>
<tr>
<td>71 to 73</td>
<td>Blue shale</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: E. E. Ranch
Address: Roundup, Mont.
Driller: H. A. McConnell
Address: Roundup, Mont.

Date of Notice of appropriation of groundwater: Oct 31, 1965
Date well started: Oct 25, 1965

Type of well: Dug
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 Casings</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>8&quot;</td>
<td>0</td>
<td>35&quot;</td>
<td>8' D. 35</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
Shut-in Pressure for flowing well
Pumping Water Level
Discharge in gal. per min. of flowing well
How Tested: BAILER
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).

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: 43
Driller's Signature: H. A. McConnell
STATE OF MONTANA,
MONTANA COUNTY,

FILED THIS 1
DAY OF
August    A.D. 1946
AT 10:18 O'CLOCK A.M.

CLAUDE F. FLETCHER
COUNTY RECORDER

MARGARET NANGER
DEPUTY
### Notice of Completion of Groundwater Appropriation by Means of Well

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** E E Ranch

**Address:** Romaine, Hinton

**Date of Notice of appropriation of groundwater:**

Date well started: Aug 24, 1965

Date completed: Aug 24, 1965

**Type of well:** Bored

**Equipment:** 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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Front (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>4.5&quot;</td>
<td>535</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8&quot;</td>
<td>5.5&quot;</td>
<td>535</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10&quot;</td>
<td>7.5&quot;</td>
<td>535</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12&quot;</td>
<td>9.5&quot;</td>
<td>535</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14&quot;</td>
<td>11.5&quot;</td>
<td>535</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16&quot;</td>
<td>13.5&quot;</td>
<td>535</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18&quot;</td>
<td>15.5&quot;</td>
<td>535</td>
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<td></td>
</tr>
<tr>
<td>20&quot;</td>
<td>17.5&quot;</td>
<td>535</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22&quot;</td>
<td>19.5&quot;</td>
<td>535</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24&quot;</td>
<td>21.5&quot;</td>
<td>535</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

150 feet.

**Shut-in Pressure for Flowing Well:**

**Pumping Water Level:**

400 feet at 3 gal. per minute.

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

**How Tested:**

**Length of Test:**

**Remarks:** (Gravel packing, cementing, packers, type of shutoff, mud, caps, catching device, all perforated zones)

**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).

**Livestock**

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:**

[Signature]

[License Number]
STATE OF MONTANA, NEW LONGBELL COUNTY, f [illegible]

Filed this 11th DAY OF August A.D. 1976
At 10:15 O'Clock A.M.

CLAUDE P. FLETCHER
COUNTY 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: E.E. Ranch
Address: Romdiment

Driller: Harry McConnell
Address: Romdiment

Date of Notice of appropriation of groundwater: 1/1/62

Date well started: 1/1/62
Date completed: 1/1/62

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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Catiz</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot; 8&quot; 8&quot; 1.0. 40&quot;</td>
<td>24&quot;</td>
<td>45°</td>
<td>5'10s</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 19 feet.
Shut-In Pressure for Flowing Well: 27 feet at 50 gal. per minute.
Pumping Water Level: 27 feet.
Discharge in gal. per min. of flowing well: 1 hr.

How Tested: 1 hr.
Length of Test: 1 hr.
Remarks: Gravel packing, cementing, packing, 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).

Driller's License Number
Harry McConnell

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.
STATE OF MONTANA,
MUSKHELL COUNTY.

FILED THIS 11TH DAY OF
August, A.D. 19

AT 10:20 O'CLOCK A.M.

CLAUSE F. FLETCHER
COUNTY RECORDER

[Signature]

[Signature]
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 1900
Owner: "Spidel, Lessee State of Montana Address: Roundup, Montana

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

Date Started: None Date Completed: None

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring—dug out & piped to concrete tank. Depth to water: one foot below ground level.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. 15 gallons per hour. Measured by quarts at end of pipe.

Signatures of Owner: [Signature] Lessee: [Signature]
Date: December 16, 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.
<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>5</td>
<td>Roberta Kolumn, Castle Cp</td>
<td>Gw3</td>
<td>169186</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>&quot;</td>
<td>Gw3</td>
<td>169186</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>&quot;</td>
<td>Gw4</td>
<td>169184</td>
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<td>Gw3</td>
<td>169191</td>
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<tr>
<td>10</td>
<td>Konom, William K.</td>
<td>Gw4</td>
<td>167690</td>
<td></td>
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<tr>
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<td>&quot;</td>
<td>Gw4</td>
<td>167601</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Apfel, Wm.</td>
<td>Gw4</td>
<td>169192</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Roberta Kolumn, Castle Cp</td>
<td>Gw3</td>
<td>169485</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Kamen, Emum</td>
<td>Gw4</td>
<td>169483</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>&quot;</td>
<td>Gw4</td>
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<td></td>
</tr>
<tr>
<td>20</td>
<td>&quot;</td>
<td>Gw4</td>
<td>169484</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Kuno, John Mayeri</td>
<td>Gw4</td>
<td>169334</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Machler, Frank</td>
<td>Gw4</td>
<td>169676</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>&quot;</td>
<td>Gw4</td>
<td>169670</td>
<td></td>
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<tr>
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<td>Gw4</td>
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<td>Roben, Edum</td>
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<td></td>
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<tr>
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<td>&quot;</td>
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<td></td>
</tr>
<tr>
<td>31</td>
<td>Apfel, Wm.</td>
<td>Gw3</td>
<td>169182</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Machler, Frank</td>
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<td>169673</td>
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<tr>
<td>32</td>
<td>&quot;</td>
<td>Gw4</td>
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<tr>
<td>32</td>
<td>Carlson, George</td>
<td>Gw4</td>
<td>169139</td>
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</tr>
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<td>33</td>
<td>&quot;</td>
<td>Gw4</td>
<td>169143</td>
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<td>34</td>
<td>Machler, Frank</td>
<td>Gw4</td>
<td>169677</td>
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<tr>
<td>35</td>
<td>&quot;</td>
<td>Gw4</td>
<td>169675</td>
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</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 1900
Roberts Loan & Cattle Company Address: Roundup, Montana
Contractor (if any): None
Address of Contractor: None
Date Started: None Date Completed: None

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Spring with dredged earth tank one foot below creek bed in dry weather.


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: 40 gallons
per hour—estimated by cattle consumption.


Signature of Owner: President
Roberts Loan & Cattle Company
Date: December 16, 1963

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

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

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

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

FILED THIS 17TH DAY OF

APRIL, A.D. 1963

AT 3:29 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

DEPUTY

2, 1963
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Prior to 1900

Owner: Roberts Loan & Cattle Company
Address: Roundup, Montana

Contractor (if any): None
Address of Contractor: None
Date Started: None
Date Completed: None

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

Spring with dredged earth tank at ground level.

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

Fifty (50) gallons per hour—estimated by cattle consumption.

Signature of Owner: W. S. Speed
President: Roberts Loan & Cattle Company
Date: December 16, 1963

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

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

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

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

FILED THIS 17 DAY OF
MAY
A.D. 1963
AT 3:30 O'CLOCK P.M.

B. R. MATZKE
COUNTY RECORDER

DEPUTY
2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Wm. Spidel, President,
Roberts Loan & Cattle Company
Box 507
Roundup

County of Musselshell
State of Montana

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 12 gallons per minute.

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

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

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... Unknown.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... Drilled well, 50 foot depth, 16 foot water level, sucker rod withdrawal.

10. The estimated amount of groundwater withdrawn each year... 320,000 gallons.

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

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

Signature of Owner... President... Roberts Loan & Cattle Company
Date... December 16, 1963.

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

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

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

FILED THIS 17TH DAY OF
A.D. 1963
AT 3:08 O'CLOCK P.M.

B. H. MATZKE
COUNTY RECORDER

[Signature]

72 cc
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 1900
Owner: Roberts Loan & Cattle Company
Address: Roundup, Montana

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

Date Started: None
Date Completed: None

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring with dredged earth tank—ground level.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. 1) Seventy (70) gallons per hour—estimated by cattle consumption. 2) 200 gallons per hour—estimated by stock consumption.

Signature of Owner: [Signature]
Roberts Loan & Cattle Company
Date: December 16, 1963

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

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

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

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

FILED THIS 17 DAY OF

DEC. A.D. 1963

AT 3:31 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

DEPUTY
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater. Prior to 1900

Roberts Loan & Cattle Company
Owner. Roundup, Montana

Contractor (if any) None

Address of Contractor None

Date Started. None Date Completed. None

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

Depth: ground level.

Quantities 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. 300 gallons per hour. Estimated by cattle consumption and house use via pump. Continuous use.

Signature of Owner Roberts Loan & Cattle Company
President

December 16, 1963

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

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

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

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

FILED THIS 17 DAY OF

EARLY A.D. 19 LA
AT 3:35 O'CLOCK P.M.

B. H. MATZKE
COUNTY RECORDER

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

1. William R. Hansen
   (Name of Appropriator)
   of
   (Address)
   (Town)
   County of Golden Valley
   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. 1948, and continuous since then.

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 5 gallons per minute.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1948.

8. The depth of water table: 80 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: 6 inch casing.

10. The estimated amount of groundwater withdrawn each year: 25,000 gallons.

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

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 other available.

   Signature of Owner: William R. Hansen
   Date: February 11, 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
MUSSELHELL COUNTY

FILED THIS 14 DAY OF
FEBRUARY A.D. 1963
AT 11:25 O'CLOCK A.M.

B. H. MATZKE
COUNTY RECORDER

DEPUTY

2.15
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. William R. Hansen
   (Name of Appropriator)
   (of) Leavina
   (Address)
   (Town) Golden Valley
   (County of) State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1948, and continuous since that date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 6 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Not used for irrigation.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. October 1st, 1968

8. The depth of water table. 85 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 6 inch casing.

10. The estimated amount of groundwater withdrawn each year. 25,000 gallons.

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

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 available.

Signature of Owner: William R. Hansen
Date: February 11, 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,
MUSSELHELL COUNTY.

FILED THIS 4th DAY OF
February A.D. 1963
AT 11:27 o'clock A.M.

B. H. MATZKE
COUNTY RECORDER

DEPUTY
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
<th>State of Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wm. Spidel, Lessee</td>
<td>Box 507</td>
<td>Roundup</td>
<td>State of Montana</td>
</tr>
</tbody>
</table>

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

1. **The beneficial use on which the claim is based.** Stock Water.

2. **Date or approximate date of earliest beneficial use; and how continuous the use has been.** 1935. Continuous use.

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

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

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

6. **The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.** 1935.

7. **The depth of water table.** Unknown.

8. **The estimated amount of groundwater withdrawn each year.** 225,000 gallons.

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

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

---

Signature of Owner: [Signature]

Montana State Section: [Section]

Date: December 16, 1963

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

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

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