<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>11</td>
<td>Bartlett, Dorthy</td>
<td>06.04</td>
<td>26908</td>
<td>Fergus Co.</td>
</tr>
<tr>
<td>15</td>
<td>Bohn, Roy</td>
<td>01.19</td>
<td>28847</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Comrie, Harry</td>
<td>01.19</td>
<td>28878</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Presler/Whitlock</td>
<td>06.14.3</td>
<td>27879</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>06.14.3</td>
<td>27879</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>06.14.3</td>
<td>27897</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Whisnant, M. W.</td>
<td>01.19</td>
<td>19764</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Ziegler, Stanley</td>
<td>01.19</td>
<td>196287</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Jewell, R.</td>
<td>06.14.3</td>
<td>27897</td>
<td></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: Dorothy Bartlett
Address: Minnott, Mont.

Driller: George O. Singley
Address: Lewistown, Montana

Date of Notice of appropriation of groundwater: Oct. 23, 1966
Date completed: Oct. 31, 1966

Top of Ground

CWL: 0
Top of Merry formation

Shale with rock stringers, some Bentionite

Small flow water 700 ft.

Hard white rock Top 1st. Cat Creek Sand

Hard brittle black shale

Sandstone Water

Type of well: Drilled
Equipment used: Rotary
(Drug, 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>
</tr>
</thead>
<tbody>
<tr>
<td>4-3/4</td>
<td>2&quot; pipe</td>
<td>805</td>
<td>875</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

None

Shut-in Pressure for Flowing Well: 70

Pumping Water Level: None

at: no gal. per minute.

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

How Tested: Measured

Length of Test: 5-10 min.

Remarks: (Gravel packing, cementing, packers, type of shutoff) 20 sacks cement used in cementing. Packers set at 805 feet.

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

4/5/60
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Ray John
Address: Minnott, Montana

Driller: George G. Stimpson
Address: Lewistown, Montana

Date Started: October 25, 1961
Date Complete: Nov. 7, 1961

Location: Sec. _______ T. _______ R. _______ sec.

Type of well: Drilled
Equipment used: Cable Tool & Rotary

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

Above ground: Domestic [ ] Industrial [ ] Municipal [ ] Drainage [ ] Other [ ]

Casing: 2 ft. to 250 ft. Type A & B Size 4 in.

Casing: _______ ft. to _______ ft. Type _______ Size _______

Casing: _______ ft. to _______ ft. Type _______ Size _______

Perforated or Screened: _______ ft. to _______ ft. _______ ft. to _______ ft.

Type of screen or perforations

Static Water level, for non-flowing well: 190 feet.

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

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

How tested: Suction

Length of test: 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off 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>35</td>
<td>Yellow Shale</td>
</tr>
<tr>
<td></td>
<td>35</td>
<td>65</td>
<td>Blue Shale</td>
</tr>
<tr>
<td></td>
<td>65</td>
<td>90</td>
<td>Sand Stone</td>
</tr>
<tr>
<td></td>
<td>90</td>
<td>119</td>
<td>Blue Shale &amp; Bentonite</td>
</tr>
<tr>
<td></td>
<td>119</td>
<td>129</td>
<td>Sand</td>
</tr>
<tr>
<td></td>
<td>129</td>
<td>140</td>
<td>Shale</td>
</tr>
<tr>
<td></td>
<td>140</td>
<td>180</td>
<td>Sandy Shale</td>
</tr>
<tr>
<td></td>
<td>180</td>
<td>187</td>
<td>Sandstone</td>
</tr>
<tr>
<td></td>
<td>187</td>
<td>189</td>
<td>Coprock</td>
</tr>
<tr>
<td></td>
<td>189</td>
<td>230</td>
<td>Sandstone Water started 215-230'</td>
</tr>
<tr>
<td></td>
<td>230</td>
<td>283</td>
<td></td>
</tr>
</tbody>
</table>

1986

[Signature]

[Stamp]
Form No. 18
8-60

T. R. Petroleum

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harvey Gormue</td>
<td>Winnett, Montana</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>George O. Singley</td>
<td>Lewistown, Montana</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 4, 1961</td>
<td>August 8, 1961</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>R.</th>
<th>Sec.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sec. T. R. -5</td>
<td>1/4</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Water use</th>
<th>Above ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>Industrial</td>
</tr>
<tr>
<td>Municipal</td>
<td>Drainage</td>
</tr>
<tr>
<td>Stock</td>
<td>Other</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ft. to 120 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>1 ft. to 120 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>1 ft. to 120 ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Size</th>
<th>Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ft. to Ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ft. to Ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
<th>Static Water level, for non-flowing well:</th>
<th>Shut-in pressure, for flowing well:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>40 feet</td>
<td>lb./sq. in. on:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>Feet at</th>
<th>Gal. per min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>55</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
<th>Length of test:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bailing</td>
<td>2 hr.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Remarks:</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
<tr>
<td>Sealed with shoe</td>
</tr>
<tr>
<td>Bottom of hole filled with gravel.</td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Topsoil</td>
</tr>
<tr>
<td>1</td>
<td>Gravel</td>
</tr>
<tr>
<td>18</td>
<td>Clay</td>
</tr>
<tr>
<td>25</td>
<td>Sandstone</td>
</tr>
<tr>
<td>55</td>
<td>Shale</td>
</tr>
<tr>
<td>120</td>
<td>Sandstone Water</td>
</tr>
</tbody>
</table>

Log of Well
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 227, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Coop band 4 Stock Co. Inc.
Address: Box 1352, Billings, Montana
Contractor (if any) ...........................................
Address of Contractor ....................................
Date Started .............................................. Date Completed .........................................

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

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

3. Depth of water table

4. Use of the water

5. Amount of groundwater claimed (in miner's inches or gallons per minute)

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year

8. Months of year spring flows

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

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE. Elevation of spring, if known or estimated
STATE OF MONTANA,
County of Petroleum,
Filed JUN 29 1973
At 2:10 O clock P.M.

[Signature]
Director of Records

[Deputy]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Towers Land and Livestock Co., Inc.
Address: 1930 N. 3rd St., Billings, Montana

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

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

River
Muskelshel

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

Pump

3. Depth of water table

4. Use of the water:

Stock & Irrigation

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 520 gpm

6. If used for irrigation, give number of acres and description of land 160 A. Sec. 24, T. 21 N., R. 124 W.

7. Estimate amount of water used each year

8. Months of year spring flows 12 months

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated

Signature of Owner:
Date

[Form filled out with specific information]
STATE OF MONTANA
County of Petroleum,

Filed: JUN 29, 1973

at 10:00 a.m.

Oscar Borden
Director of Records

Deputy
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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

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

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

Owner: <Name>
Address: <Address>

Contractor (if any): <Name>
Address of Contractor: <Address>

Date Started: <Date>
Date Completed: <Date>

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

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

3. Depth of water table

4. Use of the water: Stock Water

5. Amount of groundwater claimed (in miner's inches or gallons per minute)

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year

8. Months of year spring flows

Signature of Owner: <Signature>
Date: <Date>

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated

T. 5 N R. W. Sec. ¼

STATE OF MONTANA
MONTANA WATER RESOURCES BOARD
ADMINISTRATOR OF GROUNDWATER CODE

RECEIVED
JUL 2 1973

County: Petroleum
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG STATE ENGINEER

Owner: D. W. Whitesent
Address: Winnetka, Montana

Driller: George C. Singleton
Address: Lewistown, Montana

Date Started: October 15, 1961
Date Completed: Oct. 18, 1961

Location: Sec. _ _ _ _ _ _ T. _ _ _ _ sec.

Type of well: Drilled
Equipment used: Rotary

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

Industrial [ ] Drainage [ ] Other [ ]

Above ground
Casing: 1 ft. to 258 ft. Type A Size A 14 YD

Casing: __ ft. to __ ft. Type __ Size __

Casing: __ ft. to __ ft. Type __ Size __

Perforated or Screened: Ft. 200 to Ft. 258. Ft. __ to Ft. __

Type of screen or perforations: Slot

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

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

Pumping water level 110 feet at 10 gal. per min.

How tested: Bailing

Length of test: 1 hr.

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

Rubber cave catchers set

(over)
Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>To 1</td>
</tr>
<tr>
<td>1</td>
<td>10</td>
</tr>
<tr>
<td>10</td>
<td>17</td>
</tr>
<tr>
<td>17</td>
<td>40</td>
</tr>
<tr>
<td>40</td>
<td>215</td>
</tr>
<tr>
<td>215</td>
<td>230</td>
</tr>
<tr>
<td>230</td>
<td>258</td>
</tr>
</tbody>
</table>
Form No. 18
8-60

T. R.

County

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

Owner  Stanley Wiggins  Address  Winston, Montana
Driller  George O. Singley  Address  Lewistown, Montana
Date Started  Sept. 13, 1961  Date Completed  Sept. 14, 1961
Location:  Sec.  T.  R.  § sec.

<table>
<thead>
<tr>
<th>Type of Well Drilled</th>
<th>Equipment Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Aug, driven, bored, or drilled)</td>
<td>Rotary</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Above ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing: 1 ft. to 50 ft.</td>
</tr>
<tr>
<td>Casing: 50 ft. to 100 ft.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened: Ft. 30 to Ft. 50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ft. 50 to Ft. 100</td>
</tr>
</tbody>
</table>

Type of screen or perforations  Slotted

Static Water level, for non-flowing well:  20 feet.
Shut-in pressure, for flowing well:  lb./sq. in. on:  (date)

Pumping water level:  45 feet at approx. 10 gal. per min.

Not tested:  Sailing

Length of test:  1 hr.

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

Sealed with rubber and cement

(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>1</td>
</tr>
<tr>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>6</td>
<td>20</td>
</tr>
<tr>
<td>20</td>
<td>25</td>
</tr>
<tr>
<td>25</td>
<td>45</td>
</tr>
<tr>
<td>45</td>
<td>50</td>
</tr>
</tbody>
</table>
Notice of Appropriation of Groundwater
(Under Chapter 21, Montana Session Laws, 1965)

1. Farmers Union Central Exchange, Inc. of Box 126
   (Name of Appropriator)
   County of Yellowstone, State of Montana
   (Address) (Town)

   Intend to appropriate groundwater in accordance with Chapter 21, Montana Session Laws of 1965.

2. The beneficial use to which water is to be applied is to water flood the Swift Sand in the
   Mosby Dome Field, Sec. 16, T15N, R30E; Abandoned Oil Well, Original total depth
   1,740', plugged back total depth 1,271'.

   (describe lands to be benefited, if for irrigation)

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

4. The annual period (inclusive dates) of intended use: Continuous for 10 years

5. The probable or intended date of first beneficial use: July, 1966

6. The probable or intended date of commencement and completion of the well or wells:
   July 1, 1966

7. The location, type, size and depth of well or wells contemplated: 660' from South line, 1540'
   from West line of Sec. 16, T15N, R30E; Abandoned Oil Well, Original total depth
   1,740', plugged back total depth 1,271'.

8. The probable or estimated depth of the water table or artesian aquifer: Third Cat Creek Sand,
   Depth from 1,115' to 1,230'.

9. Name, address and license number of the driller engaged: Farmers Union
   Central Exchange, Incorporated is the lessee of record of State of Montana oil and gas lease
   issued June 8, 1960, serial number 6039-60, covering Sec. 16, T15N, R30E

   Locate well or other means of development accurately as possible on the plat.

10. Give such other similar information as may be useful

   This well was the Farmers Union-State Well #5-C drilled as an oil well in August, 1957. 55' casing was set at 1415'
   and cemented with 183 sacks of cement. No commercial production was encountered in the Swift Sand of
   the Ellis Group. The Swift Sand was squeezed cemented, and the casing filled with cement from
   1415' back up to 1271'. We intend to perforate the Third Cat Creek Sand and use this well as a water
   source well for water flooding the Swift Sand in the Mosby Dome Field. In addition, Farmers Union
   Central Exchange, Incorporated is the lessee of record of State of Montana oil and gas lease
   issued June 8, 1960, serial number 6039-60, covering Sec. 16, T15N, R30E

   Locate well or other means of development accurately as possible on the plat.

   * 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 Appropriator.
May 31, 1966

Mr. Everett D. Darlington, Engineer
Administrator of Ground Water Code
Office of State Engineer
Helena, Montana

Dear Mr. Darlington:

As per our conversation by telephone this morning regarding use of ground water, I am enclosing a water data sheet which I have worked up. This data sheet will supplement our Notice of Appropriation of Ground Water which we have already filed with your office.

If there is any further information you need for this appropriation of ground water, please let me know at your earliest convenience.

Very truly yours,

FARMERS UNION CENTRAL EXCHANGE, INC.

John Warren
Petroleum Engineer

JW/ls
Enc.
STATE WATER CONSERVATION BOARD

JUN 1 1966

WATER DATA

Proposed Water Flood Project
Mosby Dome - Swift Sand Unit
Petroleum County, Montana

I. Water Requirements

Daily Injection Rate - Bbls. 1,500
Time - Ten Years (3,650 days) 3,650
Total Barrels 5,475,000

5,475,000 Bbls. = 705.72 Acre Feet

705.72 Acre Feet = 1.10 feet deep over one section
(640 acres)

705.72 Acre Feet = 1.47 feet deep over the Unit Area
(480 acres)

II. Water Source - Third Cat Creek Sand

(a) Parameters

Total Thickness 115'
Average Porosity 20%
Water Saturation 100%

(b) Volume under one acre 23 acre feet

(c) Volume under one section 14,720 acre feet

(d) Volume under Unit Area (480 acres) 11,040 acre feet

III. Comparison of Requirements to Volume Available

Requirements (Acre Feet) = 705.72 = 6.39%
Water under Unit Area (Acre Feet) 11,040.00

Requirements (Acre Feet) = 705.72 = 4.79%
Water under 1 section (Acre Feet) 14,720.00

The total water to be used in the estimated 10 years of flooding life is only 6.39% of the present water available under the Unit Area in the Third Cat Creek Sand.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. I, Carl and Mac Jackson of Harriet, Montana
   (Name of Appropriator) (Address) (Town)
   County of Petroleum, State of Montana, intend 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
   (describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed
   not known

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

5. The probable or intended date of first beneficial use
   April, 1960

6. The probable or intended date of commencement and completion of the well* or wells*
   April, 1960

7. The location, type, size and depth of well or wells contemplated
   approx. 12 ft. deep

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

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

10. Give such other similar information as may be useful in carrying out the policy of this act
    
    Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator

Date

* 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 Appropriator.
Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

COSBY E. Meserve and Dorothy K. Meserve, Cat Creek Montana

1. Name of Appropriator
   Address
   Town
   County of Petroleum, State of Montana intend 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 Stockwater and domestic use and also for watering livestock located in NE$ of Sec. 32, Twp. 16 N., Rang. 30 E.
   (describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed about 15.
   Gallons per minute

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

5. The probable or intended date of first beneficial use dug by former owner, about ten years ago.

6. The probable or intended date of commencement and completion of the well or wells completed by former owner as stated.

7. The location, type, size and depth of well or wells contemplated dug down about 36 inches square and down about 29' 20 feet, then a two inch pipe drove in the bottom and down five feet.

8. The probable or estimated depth of the water table or artesian aquifer altogether about 25 ft.

9. Name, address and license number of the driller engaged dug and drilled by the then owner himself.

10. Give such other similar information as may be useful in carrying out the policy of this act.

   NE$ 1/4 Sec. 32, T.16 N., R.30 E.
   Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator

Date

* 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 Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.

Date Dec. 31, 1963
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws of 1961)

1. C. W. Retterer
   (Name of Appropriator) (Address) (Town)
   County of Petroleum, State of Montana intend 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 livestock, domestic, and irrigation, in section 18, Twp. 14 N., Range 29E.
   (describe lands to be benefited, if for irrigation)

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

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

5. The probable or intended date of first beneficial use 1952 when drilled

6. The probable or intended date of commencement and completion of the well* or wells* Well completed in 1952

7. The location, type, size and depth of well or wells contemplated NW1/4 Sec. 18, T14 N., R. 29 E.

8. The probable or estimated depth of the water table or artesian aquifer 105 ft.

9. Name, address and license number of the driller engaged a man named Hines drilled the well, but do not believe it was by a licensed driller, and therefore do not believe a license was required than for shallow wells

10. Give any other similar information as may be useful

   in carrying out the policy of this act

   Signature of Appropriator C. W. Retterer
   Date Dec. 31, 1963

* As defined in the Code Sec. 1 (b) "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 Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

Kenneth Walter and Nick Walter

1. I, (Name of Appropriator)

County of

State of

is interested in appropriating 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

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

   5 gallons per minute

4. The annual period (inclusive dates) of intended use... Used 12 months per year

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

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

   well was completed about 1914

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

   approx 15 feet

8. The probable or estimated depth of the water table or artesian aquifer... approx. 15 feet

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

10. Give such other similar information as may be useful...

    in carrying out the policy of this act... This well was

    on the land when purchased so most of the

    date is unknown

    ____________________________________________________________

   Signature of Appropriator...

   Date... December 31, 1963

   ____________________________________________________________

   Locate well or other means of development as accurately as possible on the plat.

   Kenneth Walter and Nick Walter

   Signature of Appropriator...

   Date... December 31, 1963

   ____________________________________________________________

   * 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA,
County of Petroleum,
Filed: DEC 31 1963
at 3:40 o'clock A.M.

[Signature]
Deputy
Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

State of Montana
Administrator of Groundwater Code
Office of State Engineer

1. Kenneth Walter
   (Name of Appropriator)
   County of Petroleum, State of Montana
   Intend 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.

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

4. The annual period (inclusive dates) of intended use.
   June 1 to May 31

5. The probable or intended date of first beneficial use.
   June 1

6. The probable or intended date of commencement and completion of the well or wells.
   Approximate completion on well was 1961

7. The location, type, size and depth of well or wells contemplated.
   Drilled well, 70 feet, 6 inch casing

8. The probable or estimated depth of the water table or artesian aquifer.
   Approx. 70 feet

9. Name, address and license number of the driller engaged.
   Well was drilled before the present owner acquired the land, so information is unknown.

10. Give such other similar information as may be useful in carrying out the policy of this act.
    

Signature of Appropriator: William Walter
Date: December 31, 1961

"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 Appropriator.