Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Fraser Land and Livestock Co., Inc.
Owner

Driller: Munson Drilling Co.
Address: Box 1352
Billings, Mont.

Date of Notice of appropriation of groundwater: July 17, 1969
Date well started: July 26, 1969
Date completed: July 26, 1969

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.

<table>
<thead>
<tr>
<th>Size of Bored Hole</th>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot;</td>
<td>8 1/8G. D.</td>
<td>0</td>
<td>13</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12&quot;</td>
<td>22/G. T.</td>
<td>0</td>
<td>13</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6&quot;</td>
<td>7.8#galv.</td>
<td>13</td>
<td>300</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Static Water Level for non-flowing well
170 feet

Shut-in Pressure for Flowing Well

Pumping Water Level
180 feet

Discharge in gal. per min. of flowing well

How Tested: Continuous pump

Length of Test

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

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
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: Freeman Land Livestock Co., Inc.
Address: Box 1252, 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)

   Irrigation, give number of acres and description

6. Elevation of spring, if known or estimated

7. Estimate amount of water used each year

8. Months of year spring flows

Signature of Owner
______________________________
Date: _______________________

For Administrator's Use

File: 27800; 10:35:50.01

GW 1

191—1969

Owner

Date

I

SIGNATURE

County

Petroleum

13-27

S 4573
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: John Doe
Address: 123 Main St, Helena, Montana
Contractor (if any): Jane Smith
Address of Contractor: 456 Elm Ave, Missoula, Montana
Date Started: January 1, 1962
Date Completed: January 30, 1962

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

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

3. Depth of water table

4. Use of the water

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 100 gal per min.

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 12 months

Signature of Owner: ____________________________
Date: ____________________________

File: 27637, 368
Sec. 29, T.13 N., R.29 E., W.5/4
GW 1, 12 ft. N.W.

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

13-27 16
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

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

For Administrator's Use

Owner: [Name]
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.).
   Stock water
   Dam: 40 and 60 yard wide, 10' deep.

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

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:
   July, August

Indicate point of appropriation and place of use, if possible.
Elevation of spring, if known or estimated:

Signature of Owner:
Date:

File: [22825] 335
Section: 16
GW 1: 10' 30' Rm

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

OT 837

Received

13-27

16

County:

Petroleum
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.

For Administrator's Use

Owner: F. B. Johnson
Address on 1852, Billings, Montana
Contractor (if any): A. J. Fox
Address of Contractor:
Date Started: Date Completed:

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)
   Stock Dam
   35 yds wide 4/4 mi long 15 ft deep

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

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
   All land will be under Alkaline Creek and surrounding pasture

7. Estimate amount of water used each year

8. Months of year spring flows

Signature of Owner: F. B. Johnson
Date: Jan. 28, 1928
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.
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For Administrator's Use
File ____________ Sections ________

N

<table>
<thead>
<tr>
<th>W</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>T</th>
<th>R</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>27</td>
<td>5</td>
</tr>
</tbody>
</table>

Signature of Owner

Date

Owner: J. F. Snideman, Jr.
Address: Box 1532, Billings, Mont.
Contractor (if any) ____________________________
Address of Contractor ____________________________

Date Started ____________ Date Completed ____________

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

<table>
<thead>
<tr>
<th>Stack Dam</th>
</tr>
</thead>
<tbody>
<tr>
<td>180 yds. wide</td>
</tr>
</tbody>
</table>

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) All water from well held

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

54507
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.
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<table>
<thead>
<tr>
<th>For Administrator's Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>File</td>
</tr>
<tr>
<td>Owner: Frasen Land &amp; Livestock Co. Inc.</td>
</tr>
<tr>
<td>Address: Box 1352, Billings, MT</td>
</tr>
<tr>
<td>Contractor (if any):</td>
</tr>
<tr>
<td>Address of Contractor:</td>
</tr>
<tr>
<td>Date Started:</td>
</tr>
<tr>
<td>Date Completed:</td>
</tr>
</tbody>
</table>

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

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

3. Depth of water table

4. Use of the water
   - Stock Farmstead

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

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: June 29, 1973

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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: Jansen, Linda, 1352 Billings, Montana
Address: P.O. 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: 

File: 2, 3, 4

---

For Administrator's Use

File: 2, 3, 4

---

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

---

T. 13 N. R. 27 E. SE. 24

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54S75
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: July 1939

Owner: H.W. Tripp
Address: Winnett, Mont

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

Date Started: 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. Flowing spring is
boxed in and piped away
to tank

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 gal.
per minute; flow used for watering stock throughout
the year

Signature of Owner: Tripp
Date: Jan 4, 1939

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
County of Petroleum.

Filed January 7, 1962
at 9:15 o'clock A.M.

William B. Marion
County Recorder.

([Signature])

 Fee "$ 1.00"
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Stanley Wiggins  Address: Winnett, Montana
Driller: George O. Singley  Address: Lewistown, Montana

Date well started: June 4, 1964  Date Completed: June 5, 1964

Type of well: Drilled  Equipment Used: Rotary

Water Use: Domestic  Municipal  Other  Irrigation

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

<table>
<thead>
<tr>
<th>Size of Perforation</th>
<th>Size and Weight of Pipe</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Strata</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8&quot; 4/4 ID</td>
<td>0, 76, 120</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 50 feet
Shut-in Pressure for Flowing Well: None
Pumping Water Level: 60 feet at 75 gal. per minute.
Discharge in gal. per min. of flowing well: None
How Tested: Air  Length of Test: 1 hr.
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)

Sealed at 76' with a wedge rubber packer.

Driller’s License Number: 19
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.
<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>3</td>
<td>Kiehl, W. J.</td>
<td>Well-Log</td>
<td>18903</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Fraser, Ltd.</td>
<td>36 x 3</td>
<td>27899</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>&quot;</td>
<td>36 x 3</td>
<td>27899</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>&quot;</td>
<td>6 x 2</td>
<td>26 x 324</td>
<td></td>
</tr>
</tbody>
</table>
### WATER WELL LOG

#### Owner:
W. J. Kiehl

#### Address:
Minnett, Montana

#### Driller:
P. L. Ferguson

#### Address:
Roundup, Montana

#### Date Started: 10-1-60

#### Date Completed: 10-1-60

#### Location:
Sec. 3, T. 13, R. 28

#### Type of well:
Drilled

#### Equipment used:
Churn

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

#### Casing:
- 1 ft. to 600 ft.
  - Type: Steel
  - Size: 1 1/2 x 9 D

#### Perforated or Screened:
- 200 ft. to 282 ft.
  - Type: Stainless steel
  - Size: 1 1/2 x 9 D

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

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

#### Pumping water level:
530 feet at 5 gal. per min.

#### How tested:
Bailing

#### Length of test:
1 hr.

#### Remarks:
(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<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>4</td>
<td>Surface</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>35</td>
<td>Yellow clay</td>
</tr>
<tr>
<td></td>
<td>35</td>
<td>165</td>
<td>Clay grout shale little H₂O at 70'</td>
</tr>
<tr>
<td></td>
<td>165</td>
<td>310</td>
<td>Sandy shale</td>
</tr>
<tr>
<td></td>
<td>310</td>
<td>405</td>
<td>Sandy streaks with shale</td>
</tr>
<tr>
<td></td>
<td>405</td>
<td>490</td>
<td>Sandy shale with hard streaks</td>
</tr>
<tr>
<td></td>
<td>490</td>
<td>505</td>
<td>Softer sand little increase of H₂O</td>
</tr>
<tr>
<td></td>
<td>505</td>
<td>570</td>
<td>Sandy shale lines thin sand</td>
</tr>
<tr>
<td></td>
<td>570</td>
<td>600</td>
<td>Same</td>
</tr>
</tbody>
</table>
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 filled with the County Clerk and Recorder of the county in which the works are located.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

<table>
<thead>
<tr>
<th>For Administrator's Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>File: 47669, 349</td>
</tr>
<tr>
<td>Date: 27-2, 1973</td>
</tr>
<tr>
<td>GW: 11.10 a.m.</td>
</tr>
</tbody>
</table>

Owner: Fraser Land & Livestock Co.
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.)
   Stock Dam
   40 yds wide 150 yds long
   12' deep

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

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) All water + drainage to dam site
   __________________________________________________________

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
   12 months
   __________________________________________________________

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

Signature of Owner: Fraser Land & Livestock Co.
Date:____________________

54582
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

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

Owner: Frank Land & Livestock Co, Inc
Address: Box 1352, Billing, 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

---

File
GW 1

---

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

---

Signature of Owner
Date
**Notice of Completion of Groundwater Appropriation by Means of Well**

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

**Owner:** Fraser Land, 1101 3rd Ave, Polson, Mont.

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

**Type of well:** Drilled (rotary or other)

**Water use:** Domestic □ Municipal □ Irrigation □ Industrial □ Drainage □ Other □

**Appropriation Date:**
- Eagle Top: 12", 8 5/8", 22#.
- Dakota: 6½", 4½", 6½#

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
<td>0</td>
<td>23</td>
</tr>
<tr>
<td>23</td>
<td></td>
<td>65</td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well:** 260 feet.

**Shut-in Pressure for flowing well:** 260 feet.

**Pumping Water Level:** 5 gal. per minute.

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

**Length of Test:** 4 hrs.

**How Tested:** Bailing

**Remarks:** Gravel packing, cementing, packers, type of shutoff, surface cemented with 5-ska.-typell-cave type packers 5½#.

**Use:** Irrigation, industrial, drainage or other.

**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.
<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>19</td>
<td>Fanner land/livestock</td>
<td>36M2</td>
<td>27897</td>
<td></td>
</tr>
</tbody>
</table>
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

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Owner

Address

File

For Administrator's Use

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
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>Kimmel, D.E.</td>
<td>C.W.</td>
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<td>C.W.</td>
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<td>Kimmel, Dan</td>
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<td>14624</td>
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</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. Name of County
   (Name of appropriator)
   (Address)

2. The beneficial use on which the claim is based.
   [space for description]

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   [space for description]

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

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.
   [space for description]

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

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

8. The depth of water table.
   [space for description]

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.
   [space for description]

10. The estimated amount of groundwater withdrawn each year.
    [space for description]

11. The log of formations encountered in the drilling of each well if available.
    [space for description]

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.
    [space for description]

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)

<table>
<thead>
<tr>
<th>Name of Appropria\tor</th>
<th>Address</th>
<th>Town</th>
<th>County</th>
<th>State</th>
<th>File No.</th>
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<tbody>
<tr>
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</tr>
</tbody>
</table>

1. E W Th (Name of Appropria\tor) of Box 282, Roundup (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 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

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 Appropria\tor.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Owner: D. E. Kimmel
Address: Roundup

Driller: Unknown
Address: N/A

Date of Notice of Appropriation of Groundwater: Unknown

Date well started: Unknown
Date completed: Unknown

Type of well: Drilled
Equipment Used: Unknown
(Chug, 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>Site of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: about 5-10 feet.
Shut-in Pressure for Flowing Well: N/A
Pumping Water Level: Unknown feet at Unknown gal. per minute.
Discharge in gal, per min. of flowing well: N/A
How Tested: Unknown
Length of Test: Unknown

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) One well used for domestic use, including yard and garden. Other well cased, but not being used. Could be used for watering stock or irrigating.

Driller’s License Number
Driller’s Signature
Appropriator

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 Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Unknown

D. E. Kimmel
Owner: Address: Roundup

Contractor (if any): N/A
Address of Contractor: N/A

Date Started: N/A Date Completed: N/A

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

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

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

Used as stock water 12 months per year and not measured.

Signature of Owner: Donald E. Kimmel
Date: 31 Dec. 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Unknown

Owner: C. E. Kimmel
Address: Roundup

Contractor (if any): N/A
Address of Contractor: N/A

Date Started: N/A
Date Completed: N/A

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

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.

Used as stock water 12 months per year and not measured.

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

Signature of Owner: Donald C. Kimmel
Date: 31 Dec. 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner

Contractor (if any)

Address

Table:

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

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

Signature of Owner

Date

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

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

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

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

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater:
Owner's Name and Address:
Contractor (if any):
Address of Contractor:
Date Started:
Date Completed:

Describe means of obtaining groundwater without a well, as by sub-irrigation and other natural processes. Include type of water when applicable. Water should be at the surface of the ground or held in a reservoir and used without introduction of fresh water.

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

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

Signature of Owner:

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1982

Owner's Name: [Signature]

Owner's Address: [Address]

Contractor (if any): [Signature]

Address of Contractor: [Address]

Date Started: 1982

Date Completed: 1982

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

Water flows from [description of source]

Water rises [description of depth]

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. (Flow)

1400 gal/day measured

Time through [flow pipe]

Used for [water use] from [date]

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

Signature of Owner: [Signature]

Date: [Date]

This form to be prepared by contractor (if any), otherwise by the owner.
Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 337, Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1982
Owner: Emil Bannert
Address: Braddock
Contractor (if any): 
Address of Contractor: 
Date Started: 1982
Date Completed: 1982
Describe means of obtaining groundwater without a well: (by sub-irrigation and other natural processes) Include depth to water when applicable.

Over-flow paper: 
Water table: 
Ground: 

Quantity of water developed and used with explanation of method used to measure or estimate such amount if use is less than 100 feet.
Estimate approximate lengths of periods of use: 

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

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

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)

STATE ENGINEER

1. David Irerson, (Name of Appropriator) of Rondop (Town)

County of Petroleum, 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 since 1910

by former owner and present owner

Continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 irrigation

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

Natural spring - has been boxed and drawn off

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

developed since 1910

8. The depth of water table.

7 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 previously described

10. The estimated amount of groundwater withdrawn each year

20 gallons per min.

11. The log of formations encountered in the drilling of each well if available No 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.

None

Signature of Owner

Date

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
**Notice of Completion of Groundwater Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

**Owner**: Don Kimmel  
**Address**: Roundup, Mont

**Driller**: Joe Kombol  
**Address**: Roundup, Mont

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

**Date well started**: 11-29-65  
**Date completed**: 11-30-65

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

**Water use**: Domestic [x]  
Municipal [ ]  
Stock [x]  
Irrigation [x]  
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>PERFORATIONS</th>
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<tbody>
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<table>
<thead>
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<th>Kind</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

- Static Water Level for non-flowing well 9 feet.

- Shut-in Pressure for Flowing Well

- Pumping Water Level 12 feet at 30 gal. per minute.

- Discharge in gal. per min. of flowing well

- How Tested: GAILER

- Length of Test: 2 H.R.

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

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

- Owner CEMENTED BY

- USE: Irrigation, industrial, drainage or other. Explain state of acres and location or other data (i.e.: Lot, Block and Addition).

- (Continue on reverse side)

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

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

Driller's License Number: [ ]

Driller's Signature: [ ]
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>2001</td>
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<td>Reddy, Michael E.</td>
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<td>1973</td>
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<td>Helmer, E.</td>
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<td>5</td>
<td>Nebraska Feeding Co.</td>
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<td>Sharkey, Andrew G.</td>
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<td>Hughes, John R.</td>
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<td>2004</td>
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<td>18</td>
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<td>GWH</td>
<td>2017</td>
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<td>Hughes, John Jr.</td>
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<tr>
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</tr>
</tbody>
</table>

County: Petrolia
Twp.: 12N
Rge.: 26E
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Andrew and Susan Sharkey, of Winnett, 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 and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1931 and used continuously

4. The amount of groundwater claimed: 50 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: SE 1/4 SE 1/4 Sec. 1 T.12N R.26E M.F.M. owned by appropriator

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: A submersible pump located in the SE corner SE 1/4 SE 1/4 Sec. 1 T.12N R.26E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: commenced and completed in 1931

8. The depth of water table: Approximately -30- or -40- 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: A drilled well, with an inch hole 150 feet deep with a submersible pump

10. The estimated amount of groundwater withdrawn each year: When in use 500,000 gallons

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

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

Andrew Sharkey
Signature of Owner
Date: Feb. 2, 1942

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

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

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

County of Petroleum.

Filed February 2, 1962

3:10 o'clock A.M.

Valma R. Martin

Coutry Recorder

Valma Deon

Deputy
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Dec. 15, 1904

Owner: Mabel E. Redd
Address: Winnett, Montana

Contractor (if any): none
Address of Contractor:

Date Started: Date Completed:

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

natural flowin g water

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:

flows continuously

Signature of Owner: Mabel E. Redd
Date: December 22, 1961

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.
**MONTANA BUREAU OF MINES AND GEOLOGY**

**WATER WELL LOG**

**Owner**

R. M. Bowman

**Address**

Sandburg, Mont.

**Driller**

W. F. V. Mussman

**Address**

Superior, Mont.

**Date Started**

Aug. 27, 1961

**Date Completed**

Aug. 31, 1961

**Location**

Sec. 5, T. 12, R. 26 E 1/4 sec. NW 9, NW 3

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

<table>
<thead>
<tr>
<th>Equipment Used</th>
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<table>
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<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>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>0 ft. to 115 ft.</th>
<th>Type</th>
<th>Galvanized</th>
<th>Size</th>
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</table>

<table>
<thead>
<tr>
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<th>ft. to ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
</table>

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<tr>
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<th>Size</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened</th>
<th>Ft. 10 to ft. 13</th>
<th>Ft. 55 to ft. 61</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Type of Screen or Perforations</th>
<th>Cemented</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Static Water Level, for non-flowing well</th>
<th>40 feet</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Shut-in Pressure, for flowing well</th>
<th>lb./sq. in. on</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Pumping Water Level</th>
<th>90 feet at 1 gal. per min</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>How Tested</th>
<th>Bailers</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Length of Test</th>
<th>Adequate</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Remarks</th>
<th>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
</tr>
</thead>
</table>

(over)