<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>
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<tr>
<td>1</td>
<td>Muter, John</td>
<td>SW 6E Log</td>
<td>2861693</td>
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<tr>
<td>2</td>
<td>Hess, Joseph D.</td>
<td>SW 6E Log</td>
<td>2861693</td>
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</tr>
<tr>
<td>3</td>
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<td>SW 6E Log</td>
<td>2861693</td>
<td>For 2 Abone</td>
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<tr>
<td>4</td>
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<td>SW 6E Log</td>
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<td>For 2 Abone</td>
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<td>SW 6E Log</td>
<td>2861693</td>
<td>For 2 Abone</td>
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<tr>
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<td>SW 6E Log</td>
<td>2861693</td>
<td>For 2 Abone</td>
</tr>
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<td>SW 6E Log</td>
<td>2861693</td>
<td>For 2 Abone</td>
</tr>
<tr>
<td>8</td>
<td>Hess, Joseph D.</td>
<td>SW 6E Log</td>
<td>2861693</td>
<td>For 2 Abone</td>
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<tr>
<td>9</td>
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<td>SW 6E Log</td>
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<td>For 2 Abone</td>
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<td>SW 6E Log</td>
<td>2861693</td>
<td>For 2 Abone</td>
</tr>
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<td>11</td>
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<td>SW 6E Log</td>
<td>2861693</td>
<td>For 2 Abone</td>
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Form No. 18

<table>
<thead>
<tr>
<th>T.</th>
<th>R.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>51</td>
</tr>
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</table>

County: Butte

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

DEC 29 1961
10:30 A.M.

WATER WELL LOG

Owner: John Farmer
Address: Clifton, Montana

Driller: Irwin Garin
Address: Lindsay, Montana

Date Started: Oct. 20
Date Completed: Oct. 21, 1961

Location: Sec. 1 T. 13 R. 51 1/4 sec. N.E.

<table>
<thead>
<tr>
<th>Type of well drilled</th>
<th>Equipment used</th>
<th>[clay, well, rotor, etc.]</th>
</tr>
</thead>
</table>

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

Casing: 0 ft. to 55 ft. Type Size
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: __________ feet.

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

Pumping water level: __________ feet at __________ gal. per min.

How tested: __________

Length of test: __________ hour

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

(over)
<table>
<thead>
<tr>
<th>Form No. 18</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-60</td>
</tr>
</tbody>
</table>

T. 14  
R. 51

County

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

DEC 29 1961  10:30 A.M.  WATER WELL LOG

Owner: John Mayor  Address: Glendive, Montana
Driller: Harold Gavin  Address: Lindsay, Montana
Date Started: Oct. 22  Date Completed: Oct. 24, 1961

Location: Sec. 1  T. 14  R. 51  4 sec. NE.

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

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

Casing: 0 ft. to 55 ft.  Type:  Size: ___________
Casing: ___ ft. to ______ ft.  Type:  Size: ___________
Casing: ___ ft. to ______ ft.  Type:  Size: ___________

Perforated or Screened: Ft. 35 to Ft. 55. Ft. ______ to Ft. ______

Type of screen or perforations: ______ slots cut in casing ______

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

Pumping water level: ______ feet at ______ gal. per min.

How tested: ______ bucket ______

Length of test: ______ hour ______

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

(over)
<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>10</td>
<td>clay</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>30</td>
<td>clay with some gravel</td>
</tr>
<tr>
<td></td>
<td>30</td>
<td>50</td>
<td>sand</td>
</tr>
</tbody>
</table>
### Log of Well

<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
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<tbody>
<tr>
<td>0</td>
<td>25</td>
<td>clay</td>
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<tr>
<td>20</td>
<td>34</td>
<td>clay with some gravel</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>55</td>
<td>m/s?</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: (1) 1940 (2) 1938

Owner: Joseph J. Haus

Address: 300 N. Main St., Glendive, Montana

Contractor (if any) N/A

Address of Contractor: N/A

Date Started: 1/1/20

Date Completed: 1/1/31

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. (1 & 2) Recycled 2 ft. deep for spring 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. (1 & 2) 2 gal. per minute developed; measured by piping to tank, 400,000 gal. used per year. (2) 1 gal. per minute developed; measured by piping to tank; Used 4 months per year.

Signature of Owner: Joseph J. Haus

Date: December 30, 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: (1) 1940 (2) 1938
Joaopb J. Haas
Owner: Conrad H. Haas
Address: Missoula, Montana

Contractor (if any) 

Address of Contractor: 

Date Started: (1) 1/2 (2) Date Completed: (1) 1940

Describe means of obtaining groundwater without a well “as by sub-irrigation and other natural processes”. Include depth to water when applicable. (1 & 2) Excavaed 2 ft. deep for spring 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. (1) 2 gal. per minute developed; measured by piping to tank; 400,000 gal. used per year. (2) 1 gal. per minute developed; measured by piping to tank; Used 4 months per year.

Signature of Owner: (2) State of Montana
Date: December 30, 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

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

1. Joseph J. Hess and Conrad H. Hess, of 300 S. Main St., Glendive, Dawson County, 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:

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: (1) 1959, not used at present; (2) 1957, not used at present; (3) 1925, not used at present; (4) 1928, not used at present.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) (1) 6 gal.; (2) 4 gal.; (3) 4 gal.; (4) 4 gal.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: (1) 1922; (2) 1927; (3) 1928; (4) 1930.

8. The depth of water table: (1) 40 ft.; (2) 50 ft.; (3) 50 ft.; (4) 30 ft.

9. So far as it may be available, the size, pipe and depth of each well or the general specifications of any other tools for the withdrawal of groundwater: (1) drilled, 18 in. casing, 50 ft. deep; (2) drilled, 18 in. casing, 50 ft. deep; (3) drilled, 16 in. casing, 60 ft. deep; (4) drilled, 18 in. casing, 50 ft. deep.

10. The estimated amount of groundwater withdrawn each year: (1) 200,000 gal.; (2) 3,400,000 gal.; (3) none at present.

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

Signature of Owner: 

Date: Dawson, Dec. 30, 1963

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

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

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

Filed for record this 30th day of
December, A.D. 1963, at
3:00 o'clock P.M.

[Signature]
County Clerk and Recorder.

By: [Signature] Deputy.
Form No. 18  
8-60

<table>
<thead>
<tr>
<th>T.</th>
<th>R.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

County: Dawson

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

DEC 29 1961  
10:30 A.M.  
WATER WELL LOG

Owner: Conrad Hess and Joseph Hess  
Address: Glendive Montana

Driller: Harold Gavin  
Address: Lindsay, Montana

Date Started: Oct. 1, 1961  
Date Completed: Oct. 17, 1961

Location: Sec. 2 T. 11 R. 51 1/4 sec. E.W.

Type of well drilled:  
Equipment used: churn

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

Casing:  
- 0 ft. to 10 ft. Type steel Size 1/4 inch
- Ft. to Ft. Type Size
- Ft. to Ft. Type Size
- Perforated or Screened: Ft. 65 to Ft. 105
- Ft. to Ft.

Type of screen or perforations: slots cut in casing.

Static Water level, for non-flowing well: 65 feet.

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

Pumping water level: 80 feet at 5 gal. per min.

How tested: slug bucket

Length of test: one hour

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>20</td>
<td>torr oil and light clay</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>65</td>
<td>hard clay</td>
<td></td>
</tr>
<tr>
<td>65</td>
<td>105</td>
<td>sand with thin layers of clay</td>
<td></td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. 52 Ranch, Inc.       c Box 670 Glendive
    (Name of Appropriator)       (Address)       (Town)

County of Dawson       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: Steck, Continuous use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: July 20, 1956.

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.

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: July 15, 1956 - July 20, 1956.

8. The depth of water table: 40 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: Type driven, size 1 inch, casing in a 4 inch hole, 120 feet deep.

10. The estimated amount of groundwater withdrawn each year: 60 feet at 5 gallon per. min.

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

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

Signature of Owner: John Lewis
Date: December 5, 1963

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

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

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

Filed for record this 6 day of December, A. D. 1969, at 4:00 o'clock P. M.

[Signature]
County Clerk and Recorder.

[Signature]
Deputy.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>John W. Reed</th>
<th>Address</th>
<th>Fallon, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Ira C. Bond</td>
<td>Address</td>
<td>Terry, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>6/5/50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date Completed</td>
<td>8/1/50</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Location: Sec</td>
<td>T</td>
<td>14</td>
<td>R</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Casing: ft. to ft. Type □  Size □
Casing: ft. to ft. Type □  Size □
Casing: ft. to ft. Type □  Size □
Perforated or Screened: Ft. to Ft. Type □  Size □

Type of screen or perforations: □
Static Water level, for non-flowing well: 104 feet
Shut-in pressure, for flowing well: 7 lb./sq. in. on:

Pumping water level at feet gal. per min:

Length of test:

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>John V. Kees</th>
<th>Address</th>
<th>Fallon, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Ira C. Bond</td>
<td>Address</td>
<td>Terry, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>5/5/50</td>
<td>Date Completed</td>
<td>5/30/50</td>
</tr>
</tbody>
</table>

**Location:** Sec. 14, T. 14N, R. 21E, M. & M.

**Type of well:** Drilled

**Equipment used:** Cable

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

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

**Perforated or Screened:**
- Ft. to Ft. 220

**Type of screen or perforations:**

**Static Water level, for non-flowing well:**
- Water rises to 0 feet
- 104 feet

**Shut-in pressure, for flowing well:**
- 210 lb/sq. in.
- 7 feet

**How tested:**
- 1.5 days at...
- 210 gal. per min.

**Length of test:** 2 hours

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

---

(over)
<table>
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<th>Description of Material Drilled</th>
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<td>60</td>
<td>yellow sandy clay</td>
</tr>
<tr>
<td>60</td>
<td>70</td>
<td></td>
<td>brown sandy clay</td>
</tr>
<tr>
<td>70</td>
<td>82</td>
<td></td>
<td>sand stone</td>
</tr>
<tr>
<td>82</td>
<td>98</td>
<td></td>
<td>blue clay</td>
</tr>
<tr>
<td>98</td>
<td>104</td>
<td>128</td>
<td>gumbo</td>
</tr>
<tr>
<td>104</td>
<td>128</td>
<td></td>
<td>coal 3 gals per minute</td>
</tr>
<tr>
<td>138</td>
<td>142</td>
<td></td>
<td>coal</td>
</tr>
<tr>
<td>142</td>
<td>151</td>
<td></td>
<td>blue clay</td>
</tr>
<tr>
<td>151</td>
<td>165</td>
<td></td>
<td>rock</td>
</tr>
<tr>
<td>165</td>
<td>224</td>
<td></td>
<td>gumbo</td>
</tr>
<tr>
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<td>234</td>
<td></td>
<td>water sand 7 gals per minute</td>
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<tr>
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<td>224</td>
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<td>gumbo</td>
</tr>
<tr>
<td>From</td>
<td>To</td>
<td>Description of Material Drilled</td>
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</tr>
<tr>
<td>------</td>
<td>----</td>
<td>--------------------------------</td>
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<tr>
<td>0</td>
<td>44</td>
<td>yellow sandy clay</td>
<td></td>
</tr>
<tr>
<td>44</td>
<td>60</td>
<td>brown sandy clay</td>
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</tr>
<tr>
<td>60</td>
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<td>sand stone</td>
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<td>82</td>
<td>blue clay</td>
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<tr>
<td>82</td>
<td>98</td>
<td>gumbo</td>
<td></td>
</tr>
<tr>
<td>98</td>
<td>104</td>
<td>coal 3 gal per minute</td>
<td></td>
</tr>
<tr>
<td>104</td>
<td>128</td>
<td>blue clay</td>
<td></td>
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<td>142</td>
<td>coal</td>
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</tr>
<tr>
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<td>rock</td>
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<tr>
<td>185</td>
<td>204</td>
<td>gumbo</td>
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<td>223</td>
<td>water-sand 7 gal per minute</td>
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<td>224</td>
<td>gumbo</td>
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<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
<td>Type of Form</td>
<td>County File No.</td>
</tr>
<tr>
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<td>--------------------------</td>
<td>--------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>2</td>
<td>Mallil. Donald</td>
<td>52WELL Log</td>
<td></td>
</tr>
<tr>
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<td>Mallil. Donald</td>
<td>52WELL Log</td>
<td></td>
</tr>
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<td>52WELL Log</td>
<td>206-65-91</td>
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<tr>
<td>3</td>
<td>Ginnall Koal</td>
<td>4W1 3</td>
<td>286-5-90</td>
</tr>
<tr>
<td>5</td>
<td>Konig. Kuch.</td>
<td>4W1 2</td>
<td>296-32-94</td>
</tr>
<tr>
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<td>Konig. Pete</td>
<td>52WELL Log</td>
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<tr>
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<td>Konig. Pete</td>
<td>52WELL Log</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Konig. Jud.</td>
<td>52WELL Log</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Konig. Jud.</td>
<td>52WELL Log</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Konig. Robert</td>
<td>4W 2</td>
<td>314-65-35</td>
</tr>
<tr>
<td>9</td>
<td>Tschall. Karl</td>
<td>4W 3</td>
<td>284-85-4</td>
</tr>
<tr>
<td>10</td>
<td>Hem. Jim</td>
<td>41.12</td>
<td>8998</td>
</tr>
<tr>
<td>15</td>
<td>Konig. Anton</td>
<td>4W 3</td>
<td>284-86-5</td>
</tr>
<tr>
<td>15</td>
<td>Konig. Anton</td>
<td>52WELL Log</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Konig. Anton</td>
<td>52WELL Log</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>Okl. Carl &quot;Bud&quot;</td>
<td>52WELL Log</td>
<td></td>
</tr>
</tbody>
</table>
Owner: Donald Moffett  
Address: 31663 Fallon, Montana

Driller: Adkison Water Well Drln.  
Address: Glendive, Montana

Date Started: 8-11-60  
Date Completed: 8-12-60

Location: Sec. 2 T. 14 R. 52  
Sec. NE ¼ of NE ¼

Type of well: Drilled  
Equipment used: Rotary

Water use: Domestic  
Municipal  
Stock  
Irrigation

Casing: 0 ft. to 100 ft.  
Type: Hy. Blk  
Size: 4½

Perforated or Screened: Ft. 87 to Ft. 100.  
Type of screen or perforations: Torch slots

Static Water level, for non-flowing well: 30 feet.

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

Pumping water level: 60' feet at 20 gal. per min.

How tested: Bailed

Length of test: 2 hours

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

Gravel packed around casing

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 2</td>
<td>Sandy soil</td>
</tr>
<tr>
<td>2 - 4½</td>
<td>Yellow clay</td>
</tr>
<tr>
<td>4½ - 50</td>
<td>Fine brown sand</td>
</tr>
<tr>
<td>50 - 70</td>
<td>Green clay</td>
</tr>
<tr>
<td>70 - 78</td>
<td>Clay and coal atks.</td>
</tr>
<tr>
<td>78 - 88</td>
<td>Coal and clay atks.</td>
</tr>
<tr>
<td>88 - 100</td>
<td>Clay and coal atks.</td>
</tr>
</tbody>
</table>
**WATER WELL LOG**

Owner: [Name]  
Address: [Address]  
Driller: [Name]  
Address: [Address]  
Date Started:  
Date Completed:  
Location: Sec. [Section Number]  
T. [Township Number]  
R. [Range Number]  

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Equipment Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Dig, driven, bored, or drilled)</td>
<td>(Churn drill,acky, other)</td>
</tr>
</tbody>
</table>

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

Casing:  
- Size [ ]  
- Type [ ]

Perforated or Screened:  
- Size [ ]

Type of screen or perforations [ ]

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

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

Pumping water level: [ ] feet at [ ] gal. per min.

How tested: [ ]

Length of test: [ ]

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 2</td>
<td>Sandy soil</td>
</tr>
<tr>
<td>2 - 44</td>
<td>Yellow clay</td>
</tr>
<tr>
<td>44 - 50</td>
<td>Fine brown sand</td>
</tr>
<tr>
<td>50 - 70</td>
<td>Green clay</td>
</tr>
<tr>
<td>70 - 78</td>
<td>Clay &amp; Coal coke</td>
</tr>
<tr>
<td>78 - 88</td>
<td>Coal &amp; Clay coke</td>
</tr>
<tr>
<td>88 - 100</td>
<td>Clay &amp; Coal coke</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Donald W. Moffett, of Box 227, Fallon

County of Dawson
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
   Water for livestock use.

2. Date or approximate date of earliest beneficial use, and how continuous the use has been
   August 20, 1960, and continuous each year since.

3. The amount of groundwater claimed (in miner's inches or gallons per minute)
   5,000 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
   Not used for irrigation.

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Water is pumped with submersible pump into a 150 foot deep well with 3 foot steel casing.

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   August 1, 1960, completed August 7, 1960.

7. The depth of water table
   40 feet below ground level.

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

Signature of Owner: Donald W. Moffett
Date: 12-27-63

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.
STATE OF MONTANA
County of Dawson

Filed for record this 27th day of
December, A. D. 1942, a.m.

__ o'clock A.M.

Gordon W. Russell
County Clerk and Recorder.

By______________________Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1930
Owner: Karl Farrell
Address: Helena
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.

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.

Signature of Owner: Karl Farrell
Date: DEC 27 1966

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.
286590

STATE OF MONTANA
County of Dawson

Filed for record this 27th day of December, A. D. 1962, at 4:00 o'clock P.M.

[Signature]
County Clerk and Recorder.

By __________________________ 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:  Management Company  Address:  123 Main St.
Driller:  John Doe  Address:  456 Oak Ave.

Date of Notice of appropriation of groundwater:  June 23, 1965
Date well started:  June 15, 1965
Date well completed:  June 30, 1965

Type of well:  Drilled
Equipment used:  Rotary

Water use:  Domestic D  Municipal D  Stock D  Irrigation D
           Industrial D  Drainage D  Other D

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

Static Water Level for non-flowing well:  15 feet.
Shut-In Pressure for Flowing Well:  30 feet
Pumping Water Level:  32 feet
Discharge in gal. per min. of flowing well
How Tested:  PUMPED
Length of Test:  2 hours
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).

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, three 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:  123456
Driller's Signature:  John Doe

Date:  6/18/65
Siemens AG
Hochstrasse 7
8027 Zürich
Switzerland

Date: 27.01.89

To: Mr. John Smith

Subject: New Project Proposal

Dear Mr. Smith,

I am writing to inform you about our new project proposal for the expansion of our facility in Zürich. The project is aimed at increasing our production capacity and improving efficiency.

The proposed project involves the construction of a new wing to the existing facility, which will house additional production lines. We estimate the project will be completed in 18 months, with a cost of CHF 5 million.

The project will create 20 new jobs and is expected to generate an annual profit of CHF 1 million. We believe this project will be beneficial for Siemens AG and will contribute to our long-term growth.

Please let me know if you have any questions or concerns about the project. I am available for a meeting to discuss further details.

Best regards,

[Signature]

Siemens AG

Copy: Mr. Jane Doe, Human Resources Manager

[Stamp: 296324]
Form No. 18
8-60

<table>
<thead>
<tr>
<th>T.</th>
<th>R.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

County: Dawson

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

DEC 29 1961
10:30 A.M.

WATER WELL LOG

STATE ENGINEER

Owner: Peter Konis
Address: Lone Pine, Montana

Driller: Harold Gavin
Address: Lindsay, Montana

Date Started: July 21, 1961
Date Completed: July 29, 1961

Location: Sec. 6 T. 11 R. 52 1/4 sec. W.M.

Type of well: Drilled
Equipment used: churn

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Casing: 0 ft. to 33 ft. Type: steal Size: 3/4 inch

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. 23 to ft. 35. Ft. to ft.

Type of screen or perforations: slots cut in casing

Static Water level, for non-flowing well: 10 feet.
Shut-in pressure, for flowing well: ___ lb./sq. in. on: ___ (lbs)

Pumping water level: 75 feet at ___ gal. per min. ___

How tested: slush bucket

Length of test: 1 hour

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>16</td>
<td>clay</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>35</td>
<td>gravel</td>
</tr>
<tr>
<td>Field</td>
<td>Information</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------------------</td>
<td>------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Owner</td>
<td>Pete Konig</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td>Glendive, Mont.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Driller</td>
<td>J. S. Martin</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td>Lindsay, Mont.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td>July 10, 1958</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date Completed</td>
<td>July 12, 1958</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 6, T. 14, R. 52, 1/4 sec.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equipment used</td>
<td>Churn</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic: [X]</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Municipal: [ ]</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stock: [ ]</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Irrigation: [X]</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Industrial: [ ]</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Drainage: [ ]</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other: [ ]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing: ft. to ft.</td>
<td>0 to 35</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td>Heavy steel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size</td>
<td>4&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing: ft. to ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft. 23 to Ft. 35</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td>Slotted cut in casing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>20 feet.</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>
</tr>
<tr>
<td>Pumping water level:</td>
<td>Ft. 25 feet at 12 gal. per min.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>How tested</td>
<td>Slush bucket</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test</td>
<td>One hour</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0 - 15</td>
<td>clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15 - 35</td>
<td>gravel</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Form No. 18

Butte, Montana

DECEMBER 29, 1961

WATER WELL LOG

Owner: Ludwig Konig
Address: Glendive, Montana

Driller: Harold Gavin
Address: Lindsay, Montana

Date Started: Dec. 13, 1961
Date Completed: Dec. 22, 1961

Location: Sec. 6 T. 14 R. 52 1/4 sec. S.E.

Type of well: Drilled
Equipment used: churn

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

Industrial [ ]
Drainage [ ]
Other [ ]

Casing: 0 ft. to 31 ft. Type steel Size 4 inch

Perforated or Screened: Ft. 22 to Ft. 31. Ft. ______ to Ft. ______

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: slush bucket

Length of test: one hour

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

(over)
<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>4</td>
<td>topsoil and clay</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>25</td>
<td>gravel</td>
</tr>
<tr>
<td></td>
<td>25</td>
<td>31</td>
<td>coarse sand with a little gravel mixed in</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner: L. O. L. Taylor
File: 37655

Address: 516 S. L. Taylor

Date well started: 11/19/72

Type of well: Drilled

Equipment used: Churn drill

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).

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

Driller's Signature: N. O. L. Taylor
Driller's Address: 516 S. L. Taylor

LICENSE NO. 223

Top of Ground (Elev. above sea level)

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

Character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

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

Show exact depth of bottom

97
STATE OF MONTANA
County of Dawson
Filed for record this 24th day of November, A.D. 1927 at 9 o'clock A.M.

Judson F. Reed, Jr.
County Clerk and Recorder
By [Signature]
Deputy
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Section Laws, 1961)

Northern Pacific Railroad

Owner: Northern Pacific Railroad
Address: Land Office

Date of Notice of Appropriation of Groundwater

April 30, 1968

Date well started: April 30, 1968
Date completed: May 3, 1968

Type of well: Drilled
Equipment Used: No annotation

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4''</td>
<td>4'' x 10''</td>
<td>0</td>
<td>130</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 65 feet.
Shut-in Pressure for flowing well: 160 feet at 69 gal. per minute.
Pumping Water Level: 140 feet at 69 gal. per minute.
Discharge in gal. per min. of flowing well: 69 gal. per minute.
How Tested: Submersible Pumping Test on well.

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: 44,127
Driller's Signature: Harold Larson

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA
County of Dawson
Filed for record this 10th day of
May, A. D. 1946
at 2:45 o'clock P. M.
Dawson W. Knowl
County Clerk and Recorder
By
Deputy
for $2.10
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

OWNER: Harold Zaneveld
ADDRESS: Helena, Mont.

Date of Notice of Appropriation of Groundwater: Aug. 23, 1963
Date Well Started: Aug. 23, 1963
Date Completed: Aug. 28, 1963

Type of Well: Drilled
Equipment Used: Churn

Water Use: Domestic [ ] Municipal [ ] Other [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Stock [ ]

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

Static Water Level for non-flowing Well: 16 feet.
Shut-in Pressure for Flowing Well:
Pumping Water Level: 16 feet at 6 gal. per minute.
Discharge in gal. per min. of flowing well:
How Tested: Unlined
Length of Test: 1 1/2 hrs.

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: 85
Driller's Signature: Harold Zaneveld

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.
ONTARIO WATER RESOURCES BOARD

RECEIVED

APR 22 1953

County: Prairie

Top of Ground

(Elev. above sea level)

<table>
<thead>
<tr>
<th>0</th>
<th>5 Topsoil</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>10 Sand &amp; Gravel</td>
</tr>
<tr>
<td>15</td>
<td>30 Yellow Shale</td>
</tr>
<tr>
<td>30</td>
<td>33 Coal &amp; Blk. Shale</td>
</tr>
<tr>
<td>40</td>
<td>40 Blue Shale</td>
</tr>
<tr>
<td>48</td>
<td>60 Gray Shale</td>
</tr>
<tr>
<td>60</td>
<td>61 Shift of yellow rock</td>
</tr>
<tr>
<td>70</td>
<td>70 Gray Sandstone</td>
</tr>
<tr>
<td>75</td>
<td>75 Gray shale</td>
</tr>
<tr>
<td>80</td>
<td>80 Coal &amp; Blk. Shale</td>
</tr>
<tr>
<td>83</td>
<td>84 Rock</td>
</tr>
<tr>
<td>84</td>
<td>86 Coal</td>
</tr>
<tr>
<td>86</td>
<td>125 Gray Shale</td>
</tr>
<tr>
<td>105</td>
<td>130 Conl &amp; Blk. Shale</td>
</tr>
<tr>
<td>135</td>
<td>135 Gray Shale</td>
</tr>
<tr>
<td>135</td>
<td>145 Gray Sandstone</td>
</tr>
<tr>
<td>145</td>
<td>152 Gray Shale</td>
</tr>
<tr>
<td>152</td>
<td>156 Rock</td>
</tr>
<tr>
<td>156</td>
<td>164 Gray Shale</td>
</tr>
</tbody>
</table>

Notice of Completion

Appropriation

DEVELOPMENT

Driller: Joe Johnson

Shale well started... 6/2/68

Date completed...

Type of well Drilled

Equipment used: Cable Tool

(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, mud, gravel, rock or sand. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Size from To

Drill or Casing (Feet) (Feet)

PERFORATIONS

Size and Weight of Casing

From (Feet) To (Feet)

Holes

3/8"

124 164

184

3/8"

7"

11 #/ft.

164

N

E

S

W

Static Water Level for non-flowing well

30 feet.

Shut-in Pressure for flowing well

Pumping Water Level

120 feet

at... gal. per minute.

Discharge in gal. per min. of flowing well

How Tested

Pumped

Length of Test

4 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Gravel packed with 3/8" pea gravel top to bottom.

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

Joe Johnson

Driller's Signature

4/4/69

154
### Notice of Completion of Groundwater Appropriation by Means of Well

#### Developed After January 1, 1962

**Appropriation Data**
- **Strata:**
  - 0 - 5 Topsoil & Gravel
  - 5 - 10 Sand & Gravel
  - 10 - 15 Yellow Clay Shale
  - 15 - 20 Blue Clay Shale
  - 20 - 25 Black Clay Shale
  - 25 - 30 Yellow Shale
  - 30 - 35 Blue & Black Shale
  - 35 - 40 Yellow Shale
  - 40 - 45 Black Clay Shale
  - 45 - 50 Yellow Shale
  - 50 - 55 Blue Clay Shale
  - 55 - 60 Yellow Shale
  - 60 - 65 Blue Clay Shale
  - 65 - 70 Yellow Shale
  - 70 - 75 Blue Clay Shale
  - 75 - 80 Yellow Shale
  - 80 - 85 Blue Clay Shale
  - 85 - 90 Yellow Shale
  - 90 - 95 Blue Clay Shale
  - 95 - 100 Yellow Shale
  - 100 - 105 Blue Clay Shale
  - 105 - 110 Yellow Shale
  - 110 - 120 Blue Clay Shale
  - 120 - 125 Yellow Shale
  - 125 - 130 Blue Clay Shale
  - 130 - 135 Yellow Shale
  - 135 - 140 Blue Clay Shale
  - 140 - 145 Yellow Shale
  - 145 - 150 Blue Clay Shale
  - 150 - 155 Yellow Shale
  - 155 - 160 Blue Clay Shale
  - 160 - 165 Yellow Shale

**Appropriation Details**
- **Water Use:**
  - Domestic
  - Irrigation
  - Municipal
  - Industrial
- **Number of Acres:**
  - 123
  - 124
  - 125
  - 126
- **Location:**
  - Lot, Block, Assessor's Number

**Diagram Details**
- **Depth to Bottom:**
  - 10 ft

**Table Details**
- **Pumping Well Information:**
  - Date Completed: January 1, 1962
  - Driller's License Number: [Redacted]
  - Driller's Signature: [Redacted]

**Form Requirements**
- This form must be prepared by a driller and three copies must be filed by the owner with the County Clerk and Recorder in the county in which the well is located, along with the driller's license number and 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

Owner: Anton King
Address: Helena, Mont.

Contractor (if any)
Address of Contractor

Date Started: Date Completed:

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

Natural Flow

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.

Spring 1 - 1 gal. per minute
Spring 2 - 1 gal. per minute
Spring 3 - 1/2 gal. per minute

Signature of Owner: Anton King
Date: DEC 31 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  
County of Dawson

Filed for record this 21st day of December, A.D. 19__ at 3:30 o'clock P.M.

Leroy A. Russell  
County Clerk, and Recorder.

By Jay Schuyler  Deputy.
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  

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

1. Donald W. Mofett  
of Box 227 Fallon  
County of Dawson  
State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>2a</td>
<td>2b</td>
<td>2c</td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based: Water for livestock and hay.  
3. Date or approximate date of earliest beneficial use: 11-4-40  
4. The amount of groundwater claimed (in miner's inches or gallons per minute): Two gallons per minute for each well.  
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: Water is pumped with electric jet pumps.  
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: X 8-25-1952; Hand dug; X 11-1-1952.  
8. The depth of water table: X 13.5 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: X 15.5 ft. Hand dug well; 4 feet Gilbert Square; and 4 feet deep with wooden casing and 10 feet lead for live stock water. X 15.5 ft. Hand dug well; 4 feet deep; 4 feet iron pipe 41/2 feet deep with concrete casing and 6 feet wide well.  
10. The estimated amount of groundwater withdrawn each year: X 14,000 gallons; X 4,000 per well.  
11. The log of formations encountered in the drilling of each well if available: Not 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: Available.

Signature of Owner: Donald W. Mofett  
Date: 1-27-63

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 Appropriate.
STATE OF MONTANA
County of Dawson

Filed for record this December 16, 1924, at 4:00 P.M.

Gordon W. Russell
County Clerk-Recorder

By ___________________________ Deputy.
**WATER WELL LOG**

**Form No. 18**

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

**Type of well**

<table>
<thead>
<tr>
<th>Drilled</th>
<th>Equipment used</th>
<th>Casing: 0 ft. to 1/2 ft.</th>
<th>Casing: 1/2 ft. to ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Churn, drill, rotary, other</td>
<td>Type steel, Size 1 inch</td>
<td>Type, Size</td>
</tr>
</tbody>
</table>

**Perforated or Screened:**

<table>
<thead>
<tr>
<th>Ft. 33 to ft. 1/2</th>
<th>Ft. 1/2 to ft.</th>
</tr>
</thead>
</table>

**Type of screen or perforation:**

<table>
<thead>
<tr>
<th>slots cut in casing</th>
</tr>
</thead>
</table>

**Static Water level, for non-flowing well:**

<table>
<thead>
<tr>
<th>25 feet</th>
</tr>
</thead>
</table>

**Shut-in pressure, for flowing well:**

<table>
<thead>
<tr>
<th>lb./sq. in. on:</th>
</tr>
</thead>
</table>

**Pumping water level:**

<table>
<thead>
<tr>
<th>15 feet at 9 gal. per min.</th>
</tr>
</thead>
</table>

**How tested:**

<table>
<thead>
<tr>
<th>plus buoy, bucket</th>
</tr>
</thead>
</table>

**Length of test:**

<table>
<thead>
<tr>
<th>one hour</th>
</tr>
</thead>
</table>

**Remarks:**

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

(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>0</td>
<td>15</td>
<td></td>
<td>Sand with gray clay mixed</td>
</tr>
<tr>
<td>25</td>
<td>30</td>
<td></td>
<td>Limey</td>
</tr>
<tr>
<td>40</td>
<td>45</td>
<td></td>
<td>Sand</td>
</tr>
</tbody>
</table>
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>0</td>
<td>10</td>
<td>sand with some clay mixed</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>30</td>
<td>gravel</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>45</td>
<td>sand</td>
<td></td>
</tr>
</tbody>
</table>
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: John Hess
Address: Fallon, Montana
Driller: Ira G. Bond
Address: Terry, Montana

Date of Notice of Appropriation of Groundwater: fall of 1959
Date well started: fall of 1959
Date Completed: fall 1959

Type of well: Drilled
Equipment Used: Cable (drill, rotary, churn, driven, bored or drilled)

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

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

Static Water Level for non-flowing Well: feet.
Shut-in Pressure for Flowing Well: feet at gal. per minute.
Pumping Water Level: feet
Discharge in gal, per min. of flowing well: gal.
How Tested: jailer Length of Test: hours

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

This is a very good well

Driller's License Number

Driller's Signature

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

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

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

Filed for record this 23rd day of December, A. D. 1963, at 3:00 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder.

By: Deputy.
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Type of well:</th>
<th>Drilled</th>
<th>Equipment used:</th>
<th>Cable Tool</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use:</td>
<td>Domestic</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Municipal</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stock</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Irrigation</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Industrial</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Drainage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td>0 ft to 22 ft</td>
<td>Type: Std.</td>
<td>Size: 6&quot;</td>
</tr>
<tr>
<td>Casing:</td>
<td>18 ft to 214 ft</td>
<td>Type: Std.</td>
<td>Size: 4&quot;</td>
</tr>
<tr>
<td>Casing:</td>
<td></td>
<td>Type:</td>
<td>Size:</td>
</tr>
<tr>
<td>Perforated or Screened: Ft. 14 to 30 Ft. 80 to 100 175 200</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations:</td>
<td>Combination holes and slots</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>88 ft</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>50 lb/sq. in. on: (date)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>90 feet at 1/4 gal. per min</td>
<td></td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td>Baler test</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td>3 hrs</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>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 18</td>
<td>Gravel</td>
</tr>
<tr>
<td>18 - 19</td>
<td>rock</td>
</tr>
<tr>
<td>19 - 30</td>
<td>Blue shale</td>
</tr>
<tr>
<td>30 - 48</td>
<td>Yellow shale</td>
</tr>
<tr>
<td>48 - 75</td>
<td>Blue shale</td>
</tr>
<tr>
<td>75 - 80</td>
<td>Gray shale</td>
</tr>
<tr>
<td>80 - 88</td>
<td>Brown shale</td>
</tr>
<tr>
<td>88 - 92</td>
<td>Coal</td>
</tr>
<tr>
<td>92 - 100</td>
<td>Black shale</td>
</tr>
<tr>
<td>100 - 105</td>
<td>Coal</td>
</tr>
<tr>
<td>105 - 110</td>
<td>Brown shale</td>
</tr>
<tr>
<td>110 - 120</td>
<td>Sandstone</td>
</tr>
<tr>
<td>120 - 123</td>
<td>Shale and intermittent coal</td>
</tr>
<tr>
<td>123 - 135</td>
<td>Gray sandy shale</td>
</tr>
<tr>
<td>135 - 140</td>
<td>Gray sandstone</td>
</tr>
<tr>
<td>140 - 172</td>
<td>Coal</td>
</tr>
<tr>
<td>172 - 182</td>
<td>Shale</td>
</tr>
<tr>
<td>182 - 185</td>
<td>Coal</td>
</tr>
<tr>
<td>185 - 214</td>
<td>Black shale</td>
</tr>
<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
</tr>
<tr>
<td>------</td>
<td>----------------------</td>
</tr>
<tr>
<td>1</td>
<td>Stant A. J. Mergin</td>
</tr>
<tr>
<td>2</td>
<td>Lambertson Edward</td>
</tr>
<tr>
<td>4</td>
<td>Patrick Benjamin &amp; Iris</td>
</tr>
<tr>
<td>7</td>
<td>Siegel Elmer</td>
</tr>
<tr>
<td>8</td>
<td>Phillips Donald</td>
</tr>
<tr>
<td>9</td>
<td>Muller Donald</td>
</tr>
<tr>
<td>11</td>
<td>Hooft David</td>
</tr>
<tr>
<td>12</td>
<td>Siegel Edy</td>
</tr>
<tr>
<td>14</td>
<td>Hull Paul</td>
</tr>
<tr>
<td>15</td>
<td>Barnick Benjamin</td>
</tr>
<tr>
<td>19</td>
<td>Hooft John P.</td>
</tr>
<tr>
<td>24</td>
<td>Gilbert Thaniel B</td>
</tr>
<tr>
<td>26</td>
<td>Gilbert Thaniel B</td>
</tr>
<tr>
<td>27</td>
<td>School District 10</td>
</tr>
<tr>
<td>28</td>
<td>Hooft John &amp; Siegel</td>
</tr>
<tr>
<td>33</td>
<td>Hooft John &amp; Schell</td>
</tr>
<tr>
<td>34</td>
<td>Hooft John &amp; Schell</td>
</tr>
<tr>
<td>35</td>
<td>Hooft John &amp; Schell</td>
</tr>
<tr>
<td>36</td>
<td>Hooft John &amp; Schell</td>
</tr>
<tr>
<td>23</td>
<td>Robert John</td>
</tr>
<tr>
<td>24</td>
<td>Robert John</td>
</tr>
<tr>
<td>32</td>
<td>Barnick Benjamin &amp; Iris</td>
</tr>
<tr>
<td>33</td>
<td>Reiner Louis</td>
</tr>
<tr>
<td>34</td>
<td>Reiner Louis</td>
</tr>
<tr>
<td>13</td>
<td>Stant A. J. Mergin</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 287, Montana Session Laws, 1961)

[Name of Appropriator] of [Address] in the [Town]

County of ___________ State of ___________

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

2. The beneficial use on which the claim is based

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

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

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

6. The means of withdrawing such water from the ground; 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

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

Date of Appropriation of Groundwater: 1957
Owner: Joe, George M., Wind
Contractor (if any): Wild
Address of Contractor:
Date Started: __________ Date Completed: __________

Describe means of obtaining groundwater without a well "as by sub-surface 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:

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, 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.
286818

STATE OF MONTANA;
County of Dawson

Filed for record this 30th day of December, 1882, at 4 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder.

By_________________ Deputy.