Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Dec 31, 1956
Owner: Lillian M. Dunsmore
Address: Sidney, 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. Flowing 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.

9 months use

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

Signature of Owner: Lillian M. Dunsmore
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.
286883.

STATE OF MONTANA
County of Dawson

Filed for record this 21st day of December, A. D. 1963, at 3:30 o'clock P. M.

Dorothy H. Russell
County Clerk and Recorder.

By Fay Schmitt, Deputy.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 227, Montana Session Laws, 1961)

**Owner:** Kenneth Edwards  
**Address:** Glendive, Montana

Driller: Ira C. Bond  
**Address:** Terry, Montana

**Date of Notice of Appropriation of Groundwater:** December 24, 1963

**Date well started:**  
**Date completed:** December 28, 1963

**Type of well:** Drilled  
**Equipment Used:** Cable

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Weight of Casing</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 5/8&quot;</td>
<td>4&quot; ID</td>
<td>surface 100</td>
<td>5/16</td>
<td>38</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well...25 feet...

Shut-in Pressure for Flowing Well...

Pumping Water Level...95 feet at...3 gal. per minute.

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

How Tested...pump...Length of Test...3 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 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 31st day of December, A.D. 1962, at
3:30 o'clock p.m.

Gordon J. Foster
County Clerk and Recorder.

By __________________________________ Deputy.
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. J. L. Walker, or Linda Y
   (Address)
   (Name of Appropriator)
   (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:
   Irrigation
   Municipal use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   1961

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

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:
   100 acres

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

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

8. The depth of water table:
   213.5 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:
   10-inch well

10. The estimated amount of groundwater withdrawn each year:
    16,000 gal

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

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

Signature of Owner: J. L. Walker
Date: 01/15/1963

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 22nd day of
December, A. D. 1963, at
1:00 o'clock P.M.

Lester R. Russell
County Clerk and Recorder

By ________ Deputy.
<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>2</td>
<td>Martin &amp; Kopp</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Rock &amp; Smart</td>
<td>Hw4</td>
<td>286,720</td>
<td></td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

zemenberger

1. Andrew J. Mutzenberger and Edwin J. Mutzenberger, of Circle Route, Glendive, Montana

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.

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.

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 references to book and page of any county record.

Signature of Owner:

Date: December 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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 26th day of

A. D. 1963, at

o'clock M.


County Clerk and Recorder.

By. Deputy.
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Name of Appropriator) (Address) (Town)

County of State of

I have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

2. The beneficial use on which the claim is based, and date or approximate date of earliest beneficial use; and how continuous the use has been and the means of withdrawing such water from the ground and the location of each well or other means of withdrawal.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since that date. Use must be proven to be continuous for the 5 years prior to the date of the application or offer. Use must also be proven to be continuous for the 10 years prior to the date of application or offer.

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

7. The depth of water table.

8. 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.

9. The log of formations encountered in the drilling of each well.

10. The estimated amount of groundwater withdrawn each year.

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

Signature of Owner

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

Filed for record this 30th day of November, A. D. 1967, at
10 o'clock A. M.

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:

Owner:

Contractor (if any):

Address:

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:

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; Triplcate 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 o'clock P. M.

Gordon A. Russell
County Clerk and Recorder.

By: Deputy.
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. William Wolff, of
   (Name of Appropriate) (Address)
   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 1960-1971 Code:

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 19,500 gal 24 hr

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

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

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

   8. The depth of water table:

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

   10. The estimated amount of groundwater withdrawn each year:

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

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

Signature of Owner: William Wolff
Date: 12-27-67

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 Approprietor.
State of Montana
County of Dawson
Filed for record this 24th day of December, A. D. 19... at

[Signature]
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: 1959
Owner: [Name]
Address: [Address]
Contractor (if any): [Name]
Address of Contractor: [Address]
Date Started: 1959
Date Completed: 1959

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

[Handwritten text]

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.

[Handwritten text]

Signature of Owner: [Name]
Date: [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 Appropriaator.
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

STATE WATER CONSERVATION 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)

Owner: Frank Myhre
Address: Northside
Driller: C. J. Geier
Address: Box 183-41

Date of Notice of appropriation of groundwater: 9-12-1967
Date well started: 9-17-1967
Date completed: 9-23-1967

Type of well: Drilled
Equipment used: Churn drill 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 Drilled Hole</th>
<th>Size and Weight of Coaling</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.51 to 140'</td>
<td>4&quot; 10'</td>
<td>158'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.5&quot; to 165'</td>
<td>4&quot; 10'</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 107 feet
Shut-in Pressure for flowing well: 600 feet
Pumping Water Level: 145 feet
Discharge: 18 gal. per minute

How Tested: Baeter
Length of Test: 2 hrs
Remarks: Gravel packing, cementing, packers, type of shut off

Notice Sec. 7 T 16 R 53
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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

Driller's License Number
Driller's Signature
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Frank & Esther Malkuch of Circle Rte, Glendive
   (Name of Appropiator) (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: 1-Household, 2-3-4-5-Stock, 6-Household, 7-vacant stock

   and household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1-1950, 2-1950, 3-1957,

   4-1950, 5-1953, 6-unknown, 7-1927

4. The amount of groundwater claimed (in miner's inches or gallons per minute). All wells about 2 gal per min,

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

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

   1-2-Hand pump; 3-3-Hand pump; 5-Hand pump; 6-Hand pump; 7-Hand pump

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. About 10 ft from top of ground

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. 1-

   2-3-4-5-Stock, 6-Household, 7-vacant stock

   and household

10. The estimated amount of groundwater withdrawn each year. 600,000 gal

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. none

Signature of Owner: Esther Malkuch

Date: January 10, 1964

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

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

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

Filed for record this 10th day of January, A. D. 1964, at 3:30 o'clock P.M.

Gordon A. Russell
County Clerk and Recorder

By: Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 247 Montana Session Laws, 1961, as amended)

Owner Address

Driller Address

Date of Notice of appropriation of ground-water: ____________________________
Date well started: ____________________________ Date completed: ____________________________
Type of well: ____________________________ Equipment used: ____________________________
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.

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1926

Malkuch

Owner Frank & Esther/ Address Circle Route Glendive, Montana

Contractor (if any) None

Address of Contractor

Date Started Date Completed

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

<table>
<thead>
<tr>
<th>N</th>
<th>18</th>
<th>16</th>
<th>14</th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

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.

For livestock maximum except when frozen over

Signature of Owner

Date January 10, 1964

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 10th day of January, A.D. 1967, at 3:30 o'clock P.M.

Gordon H. Powell
County Clerk and Recorder.

By: Zeno Schiller, Deputy.
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1/1/12
Owner: Hermann Schlagad
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 calculate 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: Hermann Schlagad
Date 1/24/63

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 by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner: E. J. Under
Address: Glendale, Montana

Driller: W. J. Under
Address: Lindsay, Montana

Date of Notice of Appropriation of groundwater: 7/6/69
Date well started: 7/1/69
Date completed: 7/9/69

Type of well: Drilled
Equipment used: Churn drill

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERTURBATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>125</td>
<td>4½&quot; x 4½&quot; plastic</td>
<td>126</td>
<td>132</td>
<td></td>
</tr>
<tr>
<td>130</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>135</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for flowing well

Pumping Water Level

Discharge in gal. per minute

How Tested

Length of Test

Remarks: (All gravel packing, cementing, packers, etc. expunged)

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

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

Driller's License Number: 45669
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, these 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 by Means of Well Developed After January 1, 1969

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

Owner:  
Address:  

Driller: Daniel D. Harrarty  
Address:  

Date of Notice of Appropriation of Groundwater:  

Date Well Started:  
Date Completed:  

Type of Well:  
Equipment Used:  

Water Use:  

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 Dug Pit</th>
<th>Size and Weight of Casing</th>
<th>Weight (Lbs)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>125</td>
<td>4&quot; plastic</td>
<td>14/16</td>
<td>125</td>
</tr>
</tbody>
</table>

Static Water Level for Non-Flowing Well:  30 feet

Shut-In Pressure for Flowing Well:  

Pumping Water Level:  125 feet

Discharge in gal. per min. of flowing well:  Not Applicable

How Tested:  
Length of Test:  2 hrs.

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

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

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition). Not Applicable

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, these copies to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Dec. 31, 1966
Owner or Issued Under Address: B. C. Coal
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. Springs 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. Stock water:

Michael Cattle April than Dec.

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; Triplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate or the Appropriator.
STATE OF MONTANA
County of Dawson

Filed for record this 31st day of December A. D. 1962, at 3:30 o’clock P.M.

LEONARD C. RUSSELL
County Clerk and Recorder.

By: See Schulte. Deputy.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Dec 31, 1963

Owner: [Name]
Address: [Address]

Contractor (if any): [Name]
Address of Contractor: [Address]

Date Started: [Date]
Date Completed: [Date]

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: [Signature]
Date: [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  
County of Dawson  

Filed for record this 21st day of December, A. D. 1963, at 3:30 o'clock P.M. 

Gordon D. Russell  
County Clerk and Recorder.  
By: Jesse Schmidt  
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: Dec 31, 1963
Owner: Signed: Land: Address: Glendive, 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. Flowing 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. Stock water:
about 9 months

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

Signature of Owner: Signe: Land: 
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; triplicate 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 31st day of December, A. D. 1963, at 3:34 o'clock P.M.

[Signature]
County Clerk and Recorder.

[Signature]
Deputy.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Dec 31, 1961
Owner: S. J. Smith
Address: 123 Main St, Helena, MT

Contraction (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.


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.

Owner: S. J. Smith
Signature...
Date: Dec 31, 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 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. 1963, at 3:30 o'clock A.M.

[Signature]
County Clerk and Recorder.

[Signature]
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, 1921)

Date of Appropriation of Groundwater: Dec. 31, 1963

Owner's signature: [Signature]
Date: Dec. 31, 1963

Contractor (if any): [Name]
Address of Contractor: [Address]
Date Started: [Date]
Date Completed: [Date]

Describe means of obtaining groundwater without a well: 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: [Signature]
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 31st day of December, A. D. 1963, at 3 o'clock P.M.

Loren A. Russell
County Clerk and Recorder.

By:
Deputy.
## WATER WELL LOG

**Owner:** Clifd Lindon  
**Address:** CB, Kinders, Meat

**Driller:** Dan Haggard  
**Address:** Heavy, Meat

**Date Started:** March 17, 1959  
**Date Completed:** March 20, 1959

**Location:** Sec. 27, T. 16N, R. 53E 1/4 sec. SW 1/4

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

<table>
<thead>
<tr>
<th>Water use</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>x</td>
</tr>
<tr>
<td>Industrial</td>
<td></td>
</tr>
<tr>
<td>Stock</td>
<td></td>
</tr>
<tr>
<td>Irrigation</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ft.</td>
<td>to</td>
<td>108 ft.</td>
</tr>
<tr>
<td>Casing</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened</th>
<th>Ft. to Ft.</th>
<th>Ft. to Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>83</td>
<td>108</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static Water level</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>for non-flowing well</td>
<td>51 ft. from top</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>lb./sq. in. on:</td>
</tr>
<tr>
<td></td>
<td>(date)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pumping water level</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>90 feet at 6 ft.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How tested</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Diver + Pump with motor</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length of test</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>45 min Diver + 8 hrs with Pump + Motor</td>
</tr>
</tbody>
</table>

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

© (over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0–37</td>
<td>Gravel</td>
</tr>
<tr>
<td>37–47</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>47–88</td>
<td>Gravel with little clay water</td>
</tr>
<tr>
<td>88–94</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>94–108</td>
<td>Gravel + water</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Merton Nentwig
of Cracker Bo-Route 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:

1. Map of the area described below indicates point of appropriation and place of use, if possible. Each small square represents 10 acres.

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

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 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 description 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...

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

Signature of Owner:

Date:

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

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

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

Filed for record this 26th day of December, A.D. 1965, at 4:35 o'clock p.m.

John A. Russell
County Clerk and Recorder

By: Deputy

Dec. 28th 65
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Kenneth Edwards
   (Name of Appropriator)

   of
   (Address)
   (Town)

   County of
   (Name of County)
   State of
   (State)

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

   The beneficial use on which the claim is based:
   ________________

   2. The date of earliest beneficial use and how commenced:
   ________________

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

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

   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 date of commencement and completion of the construction of the well, wells, or other works for withdrawing groundwater:
   ________________

   7. The date of construction of the well, wells, or other works for withdrawing groundwater:
   ________________

   8. The depth of water table:
   ________________

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

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

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

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

   Signature of Owner:
   ________________

   Date: 12/31/63

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; Quadruplicate for the Appropriator.

JAN 14 1964
STATE OF MONTANA
County of Dawson
Filed for record this 31st day of
December, A.D. 1963, at
3:30 o'clock M.

[Signature]
County Clerk and Recorder.

By [Signature] Deputy.
Notice of Completion of Groundwater Appropriation by Means of Well

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)

Kenneth Edwards  Address: Glendive, Mont.
Driller: Ira C. Bond  Address: Terry, Montana

Date of Notice of Appropriation of Groundwater

Date started: 12/3/63  Date Completed: 12/7/63

Type of well: Drilled  Equipment Used: Drill (dug, driven, bored or 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 Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 5/8&quot;</td>
<td>11 1/4&quot; 1/4&quot;</td>
<td>102&quot;</td>
<td></td>
<td>5/16 torched</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 30 feet.
Shut-in Pressure for Flowing Well: 12 gal. per minute.
Pumping Water Level: 20 feet.
Discharge in gal. per min. of flowing well: 
How Tested: Bailer  Length of Test: 1 1/2 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)

Djeller's License Number

Driller's Signature

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA
County of Dawson

Filed for record this 11th day of December, A. D. 1962, at 3:30 p.m.

Gordon W. Russell
County Clerk and Recorder.

By ________________________ Deputy.
**Notice of Completion of Groundwater Appropriation Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: **Dec 31, 1955**

Owner: **Johndoe**
Address: **Cedar Rock, 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. **Springs/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. **Stock water**

Fall/Winter/Summer/Reimbursement

Indicate point of appropriation and place of use, if possible. **SE 1/4, SW 1/4, T.16 R.53**

Signature of Owner: **Johndoe**
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 51st day of
December A. D. 1963, at
2:30 o'clock P.M.

Frederick Russell
County Clerk and Recorder.

Faye Schmitt, Deputy.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Newton, Ralph E.</td>
<td>D.W.</td>
<td>286704</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Newton, Ralph E.</td>
<td>H.W.</td>
<td>286706</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Newton, Ralph E.</td>
<td>P.W.</td>
<td>286706</td>
<td>See Sec 4 Above</td>
</tr>
<tr>
<td>6</td>
<td>Brown, Alfred</td>
<td>H.W.</td>
<td>286706</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Redman, Inc.</td>
<td>H.W.</td>
<td>286707</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Hugman, Inc.</td>
<td>H.W.</td>
<td>286707</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Newton, Ralph E.</td>
<td>P.W.</td>
<td>286706</td>
<td>See Sec 4 Above</td>
</tr>
<tr>
<td>13</td>
<td>Hart, Fred C.</td>
<td>H.W.</td>
<td>286963</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Hart, Fred C.</td>
<td>H.W.</td>
<td>286963</td>
<td>See Sec 13 Above</td>
</tr>
<tr>
<td>17</td>
<td>Hart, Fred C.</td>
<td>H.W.</td>
<td>278902</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Smith, William</td>
<td>H.W.</td>
<td>286710</td>
<td>See Sec 7 Above</td>
</tr>
<tr>
<td>23</td>
<td>Hart, Fred C.</td>
<td>H.W.</td>
<td>286710</td>
<td>See Sec 13 Above</td>
</tr>
<tr>
<td>24</td>
<td>Kinney, H. F.</td>
<td>H.W.</td>
<td>286714</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Hart, Fred C.</td>
<td>H.W.</td>
<td>286965</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Hart, Fred C.</td>
<td>H.W.</td>
<td>286965</td>
<td>See Sec 25 Above</td>
</tr>
<tr>
<td>28</td>
<td>Highland, C.</td>
<td>H.W.</td>
<td>286966</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Pederson, Clifford M.</td>
<td>H.W.</td>
<td>286966</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Pederson, Clifford M.</td>
<td>H.W.</td>
<td>286966</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Pederson, Clifford M.</td>
<td>H.W.</td>
<td>286966</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Pederson, Clifford M.</td>
<td>H.W.</td>
<td>286966</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Dec 30, 1963

Owner: Ralph Newton & Sons
Address: Glendive, Montana

Contractor (if any): DarlEngle, and Milton Hood
Address of Contractor: Glendive, Montana

Date Started: 1958
Date Completed: Same

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable - Dug-channel with backhoe about 40 feet long and average depth of 3 feet, Put... perforated orange-bag in channel with out let into stock 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 - flow is continuous about 3 gallons per minute. Each spring measured in gallon can

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

Signature of Owner: Ralph Newton & Sons
Date: DEC 30 1963

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

Springs No1 & 2 are developed very similar and flow about the same. Spring No. 3 has a shorter drainage channel, about 30 feet and flows a little less water.
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  

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

Ralph Newton & Sons  
(Name of Appropriator)  

Glenville Point  
(Address)  

County of Dawson  
State of Montana  

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

1. Stock water wells

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... 1934 & 1939. No. 2 was drilled in 1934 and has been continuously since drilled.

4. The amount of groundwater withdrawn (in miner's inches or gallons per minute). Five 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 may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner: Ralph Newton & Sons

Date: 12/30/63

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.
FLANDRAU, (T) and T. D. FLANDRAU,

Steve King, a Justice of Peace in the 4th Judicial District of Montana, in and for the County of Dawson, Dawson County, Montana, as and for the said parties, do hereby certify that an order of the said Court, to wit: an Order for the sealing of a certain map of said County, was made at the Court held on the 21st day of October, 1956, which order is hereby sealed and filed in the offices of the said Court, and for the recording thereof I, the undersigned, do hereby file this certificate of sealing the said order.

Dated this 21st day of October, 1956.

[Signature]

Justice of Peace

[Signature]

County Clerk and Recorder
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

TEXACO, Inc. of Box 1432 Williston
(Name of Appropriator) (Address) (Town)

1. In the County of [Name of County] State of [State]

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

2. The beneficial use on which the claim is based is to dissolve salt in adjacent oil producing well, J. M. Eipel No. 1

3. Date or approximate date of earliest beneficial use, and how continuously the use has been Water has been used continuously since completion of well, April 5, 1961.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 35 gallons per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: commenced drilling: April 5, 1961 completed drilling: April 6, 1961

8. The depth of water table 37 Static Water Level

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 only one well:

   Total Depth: 63'
   1 1/2" OD Slotted Casing set at 63'

10. The estimated amount of groundwater withdrawn each year 85,000 gallons

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

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

Signature of owner TEXACO, Inc. by L.H. Bush
Date 12-17-62

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.
LOG OF FORMATIONS

<table>
<thead>
<tr>
<th>DEPTH</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2</td>
<td>Silt and gravel</td>
</tr>
<tr>
<td>2-4</td>
<td>Clay</td>
</tr>
<tr>
<td>4-6</td>
<td>Gravel</td>
</tr>
<tr>
<td>6-18</td>
<td>Fine sand &amp; sandy clay</td>
</tr>
<tr>
<td>18-25</td>
<td>Yellow sandy clay</td>
</tr>
<tr>
<td>25-30</td>
<td>Fine sand &amp; brittle rock shell</td>
</tr>
<tr>
<td>30-39</td>
<td>Yellow clay</td>
</tr>
<tr>
<td>39-44</td>
<td>Hard rock</td>
</tr>
<tr>
<td>44-54</td>
<td>Fine sand</td>
</tr>
<tr>
<td>54-58</td>
<td>Clay and coal streaks</td>
</tr>
<tr>
<td>58-61</td>
<td>Coal</td>
</tr>
<tr>
<td>61-63</td>
<td>Coal and clay</td>
</tr>
</tbody>
</table>

280701

STATE OF MONTANA
County of Dawson

Filed for record this 25th day of Sept. A. D. 19XX, at

[Signature]
County Clerk

By [Signature]
Deputy
<table>
<thead>
<tr>
<th>Owner</th>
<th>Surface</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
<th>Well Location</th>
<th>Date Started</th>
<th>Date Completed</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Sec T 16 R 54 E 1 1/4 W 1/4</td>
<td>4-6-61</td>
<td>4-6-61</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Water use</th>
<th>Casing: 0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>ft. to 69</td>
</tr>
<tr>
<td>Municipal</td>
<td>ft. to</td>
</tr>
<tr>
<td>Stock</td>
<td>ft. to</td>
</tr>
<tr>
<td>Irrigation</td>
<td>ft. to</td>
</tr>
<tr>
<td>Industrial</td>
<td>ft. to</td>
</tr>
<tr>
<td>Drainage</td>
<td>ft. to</td>
</tr>
<tr>
<td>Other</td>
<td>ft. to</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing: ft. to 69</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type:</td>
</tr>
<tr>
<td>Size:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened: P 3-2 to ft. 1-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of screen: Level Slot</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static Water level: 38</th>
</tr>
</thead>
<tbody>
<tr>
<td>ft.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure: lb./sq. in. on:</th>
</tr>
</thead>
<tbody>
<tr>
<td>(date)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pumping water level: 50 feet at 15 gal./min</th>
</tr>
</thead>
<tbody>
<tr>
<td>How tested: Baild</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length of test: 2/3 hr.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth, feet</td>
</tr>
<tr>
<td>------------</td>
</tr>
<tr>
<td>0</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>18</td>
</tr>
<tr>
<td>20</td>
</tr>
<tr>
<td>25</td>
</tr>
<tr>
<td>30</td>
</tr>
<tr>
<td>39</td>
</tr>
<tr>
<td>44</td>
</tr>
<tr>
<td>54</td>
</tr>
<tr>
<td>63</td>
</tr>
<tr>
<td>68</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

TEXACO, Inc. of P.O. Box 1432, Williston
County of Williams, State of North Dakota

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: to dissolve salt in adjacent oil producing well, HP-5N (NCR-3) No. 1

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Water has been used continuously since completion of well, Aug. 17, 1960.

4. 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: 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: Subsurface electric well pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced Drilling: August 15, 1960; Completed Drilling: August 17, 1960

8. The depth of water table: 40' static water level

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: Only one well: Total Depth - 250'; 4-1/2' OD Casing set at 240'; Perforated Intervals: 168-172'; 200-210'; 232-240'

10. The estimated amount of groundwater withdrawn each year: 600,000 gallons

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

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

Date: 9/27/62

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.