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: 12/31/63
Owner: Bob Melting
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

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: 7 months of Spring to Fall.

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

Signature of Owner: Bob Melting
Date: 12/31/63

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.
STATE OF MONTANA

County of Big Horn

The within instrument was filed
In my office at Hardin, Montana, this
31st day of
Dec. A.D. 1963
at 3:26 o'clock, C.M.

[Signature]
County Recorder

By: [Signature]
Depuy
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

Name of Appropriator: Ray Kurtz
Address: Hardin
County of Appropriation: Big Horn
State of Montana

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

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

2. Date or approximate date of earliest beneficial use, and how continuous the use has been: Early 1927

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 300,000 gal.

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: 3 acres

5. The location of each well or other means of withdrawal: E. S. S. E.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1927

8. The depth of the water table: 13 ft.

9. The type, size and depth of each well, or the general specifications of any other works for the withdrawal of groundwater: Not known

10. The estimated amount of groundwater withdrawn each year: Approximately 300,000 gal.

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

12. 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: Henry Hardin Building Co.

Signature of Owner: Ray Kurtz
Date: Dec. 31, 1963

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 Big Horn

The within instrument was filed in my office at Hardin, Montana, this
DEC 23 1969 day of
A.D. 19
at __ o'clock P.M.

Harry J. Cox
County Recorder

Fred S. Smith
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

John D. & Bob Melking
of Route 7
Hardin

County of Big Horn
State of Montana

I have appropriate 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: Household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1920

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 gal. 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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1920

8. The depth of water table: 40

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 6" x 50

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.

Signature of Owner: Bob Melking
Date: 12/31/65

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.
STATE OF MONTANA
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this

21st day of
Dec., A.D. 1963

at 9:25

o'clock

By:

County Recorder

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

John D. Melting
(Name of Appropriator)

County of Big Horn
(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 is:  Stock Use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:  Mar. 1957, steady.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal. 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:  1920, completed Sept. 1954.

8. The depth of water table 20 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:  well 1X140.

10. The estimated amount of groundwater withdrawn each year 2,000 gal.

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

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: Bob Melting
Date: 12/21/63

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
County of Big Horn ss.
The within instrument was filed
in my office at Hardin, Montana, this
31st day of dec. A.D. 1963
at 3:30 o'clock P.M.

[Signature]
County Recorder

[Signature]
Deputy
**STATE OF MONTANA**
**ADMINISTRATOR OF GROUNDWATER CODE**
**OFFICE OF STATE ENGINEER**

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

<table>
<thead>
<tr>
<th>(Name of Appropriator)</th>
<th>(Address)</th>
<th>(Town)</th>
</tr>
</thead>
<tbody>
<tr>
<td>L. M. Leman Son</td>
<td>of Rt. 1</td>
<td>Hardin</td>
</tr>
</tbody>
</table>

County of Big Horn       State of Montana

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

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

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

- **4. The amount of groundwater claimed (in miner's inches or gallons per minute)**
  - 0

- **5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof**
  - No. 0.81 acre

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

- **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**

**Date**

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

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

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

The within instrument was filed in my office at Hardin, Montana, this
AUG. 20 1963 day of
A. D. 19
at 10:30 o'clock, AM.

Larry E. Carter
County Recorder

By Ruby J. Langley. Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

John D. & Bet. Mulling, of Route 1, Hardin,
County of Big Horn, 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: Household Water

3. Date or approximate date of earliest beneficial use: 1917 Steady

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 gal. 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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1917 used for general on farms

8. The depth of water table: 40'

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: 35,000 gal.

11. The log of formations encountered in the drilling of each well if available: Unknown. But suggested it was Sandy Soil

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: Bob Mulling
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 School of Mines and quadruplicate for the Approporator.
STATE OF MONTANA

County of Big Horn

The within instrument was filed in my office at Hardin, Montana, thir

day of

A.D. 1942

at 3:25 o'clock P.M.

County Recorder

Deputy
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

FILE NO. T 2 N. R 33 E
COUNTY: Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

1. J. M. Lemmon, Son of R. L. Hardin
   (Name of Appropriator)  
   (Address)  
   (Town)

   County of: Big Horn  
   State of: Montana

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 
      1891-1892

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

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 
      No 1891-1892

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 
      N 21 21 8 8

   7. The date of commencement and completion of the construction of the well, wells, of other works for withdrawal of groundwater: 
      Jan 1 1962

   8. The depth of water table: 
      150 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: 
      No 1891-1892

   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: J. M. Lemmon

Date: Aug 26 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 School of Mines and Quadruplicate for the Appropriator.

5520
STATE OF MONTANA

County of Big Horn ss.

The within instrument was filed in my office at Hardin, Montana, this AUG. 23 1963 day of

A.D. 19

at 9:15 o'clock A.M.

Frank E. Case
County Recorder

By Ruby Wemple 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

J. M. Leaman, Sr.
of R.T. Hardin

County of Big Horn 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 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: J. M. Leaman, Sr.

Date:

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

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

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

The within instrument was filed in my office at Hardin, Montana, this AUG 2, 1963 day of A.D. 19

at 9:55 o'clock A.M.

[Signature]

County Recorder

[Deputy]

[County, Montana]

[Date: 9/20/63]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1981)

File No.

T. 2N. R. 33E
County: Big Horn

J. M. Lemont Sr.

Name of Appropnator

Address

State of Montana

(Town)

STATE ENGINEER

RECEIVED
AUG 26 1963

County of Big Horn

Number of vests 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

Stockworth

2. Date or approximate date of earliest beneficial use; and how continuous

continuous

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

all water rights

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

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

See diagram, natural spring

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 estimated amount of groundwater withdrawn each year

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

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

12. Signature of Owner

J. M. Lemont Sr.

Date

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropnator.

5524.
The within instrument was filed in my office at Hardin, Montana, this AUG 23, 1933 day of A.D. 19__ at 9:30 o'clock M.I.

Henry C. Cox
Couple Recorder
By: 

The State of Montana
County of Big Horn

201846
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

J. M. Lemon, Son
of Rt. 1
Hardin

County of Big Horn
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 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
Date

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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

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

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

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

For Administrator's Use

File No.: 269,319

Owner: LOUIE OBIE and FLORENTINE OBIE
Address: Hardin, Montana
Contractor (if any): none
Address of Contractor: not applicable
Date Started: October 1971; Date Completed: Oct. 15, 1971

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)
   
2. Means of withdrawing water (gravity, pump, canal, etc.)
   
3. Depth of water table
   
4. Use of the water
   
5. Amount of groundwater claimed (in miner's inches or gallons per minute)
   1-gallon per minute
   
6. If used for irrigation, give number of acres and description of land
   
7. Estimate amount of water used each year
   54,000 gallons
   
8. Months of year spring flows
   all year

Signature of Owner: 

Date: June 15, 1973

53,905
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**

(Received JAN 8 1964)

**STATE ENGINEER**

**Name of Approprietor**

**County**

**Address**

**Town**

**State of Montana**

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

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. The beneficial use on which the claim is based</td>
<td>[Place of beneficial use]</td>
</tr>
<tr>
<td>3. Date or approximate date of earliest beneficial use; and how continuous the use has been</td>
<td>1939</td>
</tr>
<tr>
<td>4. The amount of groundwater claimed (in miner's inches or gallons per minute)</td>
<td>[Amount]</td>
</tr>
<tr>
<td>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</td>
<td>[Acreage]</td>
</tr>
<tr>
<td>6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal</td>
<td>[Means of withdrawal]</td>
</tr>
<tr>
<td>7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater</td>
<td>[Dates]</td>
</tr>
<tr>
<td>8. The depth of water table</td>
<td>[Depth]</td>
</tr>
<tr>
<td>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</td>
<td>[Specifications]</td>
</tr>
<tr>
<td>10. The estimated amount of groundwater withdrawn each year</td>
<td>[Amount]</td>
</tr>
<tr>
<td>11. The log of formations encountered in the drilling of each well if available</td>
<td>[Log]</td>
</tr>
<tr>
<td>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</td>
<td>[Information]</td>
</tr>
</tbody>
</table>

Signature of Owner: [Signature]

Date: [Date]

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Approprietor.
STATE OF MONTANA
County of Big Horn
The within instrument was filed
In my office at Hardin, Montana, this

DEC 1, 1963
A.D. 19

at 9 o'clock A.M.

Henry E. Case
County Recorder

206501
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: John & Dorothy Nadin
Address: Box 243
Hardin, Mont.

Date well started: Feb. 17, 1965
completed: Feb. 19, 1965

Type of well: Drilled
(Dug, driven, bored or drilled)

Equipment used: Machine
(Chum drill, rotary or other)

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

*Describe ________________________________

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and Depth of Casing</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; pipe</td>
<td>0</td>
<td>none</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level ______ feet
Pumping water level ______ feet
at ______ gallons per minute
measured ______ minutes after pumping began.

*Measured from ground level.

Well developed by
for ________ hours.

Power ______ Pump ______ HP

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

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

C. S. Jones
Driller's Signature

Driller's Address: Hardin, Montana

---

Top of Ground

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>(Grit, above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>6</td>
<td>soil</td>
</tr>
<tr>
<td>6</td>
<td>8</td>
<td>sand-gravel</td>
</tr>
<tr>
<td>8</td>
<td>20</td>
<td>sand-gravel-water</td>
</tr>
<tr>
<td>20</td>
<td>25</td>
<td>sand-water</td>
</tr>
<tr>
<td>25</td>
<td>27</td>
<td>gravel-water</td>
</tr>
<tr>
<td>27</td>
<td>28</td>
<td>Blue shale</td>
</tr>
</tbody>
</table>

Show exact depth of bottom

---

53,89
STATE OF MONTANA

COUNTY OF BIG HORN

The within instrument was filed in my office at Hardin, Montana, this day of

JULY 18, 1973
A.D. 19

O'clock

JACQUELINE
County Recorder

[Signature]

DEPUTY
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Walter Rider**
   - Name of Appropriator
   - Address
   - 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 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: Walter Rider**

Date: Dec 16, 1963

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

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

The within instrument was filed in my office at Hardin, Montana, this

DEC 6 1963 day of

A.D. 19...

at 1:10 o'clock PM.

James C. Currie  
County Recorder

Jasper E. Coon  
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)

County of
State of

Name of Appropriator

Address

(Town)

County

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

2. The beneficial use on which the claim is based

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

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

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

Date

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

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

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

The within instrument was filed in my office at Hardin, Montana, this 13th day of December, 1953, at 2:25 o'clock, P.M.

Wendell Gray
County Recorder

B. A. Temple
Deputy
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

County of Big Horn

Name of Appropria\r
Address of RT. 1

State of Montana

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

2. The beneficial use on which the claim is based: stock water

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

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

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: natural spring

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:

Date:

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropria\r

5523
STATE OF MONTANA

By: \\
County Recorder

COUNTY OF HARRISON

The within instrument was filed

in the office at Hardin, Montana, this

day of July 2, 1953

By:

County Recorder

Deput}
Declaration of Vested Groundwater Rights

File No., DUPLICATE

STATE WATER CONSERVATION BOARD

STATE OF MONTANA

OFFICE OF STATE ENGINEER

County: Big Horn

ADMINISTRATOR OF GROUNDWATER CODE

(The Under Chapter 237, Montana Session Laws, 1961)

Ray F. Wegamatsu, of Route 1, Hardin

(Name of Appropriator) (Address) (Town)

County of Big Horn, 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 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: Ray F. Wegamatsu

Date: Dec 31, 1965

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

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

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

County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this

DEC 31 1935

day of

A.D. 19

at 2:53 o'clock P.M.

By: [Signature]
County Recorder

By: [Signature] Deput
DUPLICATE
STATE WATER CONSERVATION BOARD

DEPARTMENT OF NATURAL RESOURCES

STATE OF MONTANA
ADMINISTRATOR, OFFICE OF STATE ENGINEER

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

1. 


2. The beneficial use on which the claim is based 

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

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

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

Date

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

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

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

The within instrument was filed
In my office at Hardin, Montana, this
DEC 31 1965
day of

A.D. 19...

at 2:45 o'clock P.M.

County Recorder

By: Deputy Recorder

214799
PINKY'S WELL SERVICE
Phone 665-2775 — Hardin, Montana

WELL DRILLER'S REPORT

Driller's Registration No. 71
Driller: O. S. Jones
Address: Hardin, Mont.

Owner of Well: J. U. Land & Livestock Co., Appalachian Corporation

Exact Location of Well: Sec. 35, T. 28, R. 33 E., M.P.M.

Nearest Post Office: Hardin
County: Big Horn

Water to be Used for: Stock

Drilling Begun: Oct. 25, 1967
Well Finished: Dec. 26, 1967

Casing Record

<table>
<thead>
<tr>
<th>Size of Pipe</th>
<th>Kind and Weight of Material Used</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>194</td>
<td>0'</td>
<td>32'</td>
<td>Slotted bottom 4&quot;, above shoe with 1/2&quot; slots 1/4&quot; wide and 10&quot; long.</td>
</tr>
</tbody>
</table>

Drilled By: Rotary Tools From Fr. To Ft.
Drilled By: Standard Tools From Fr. To Ft.
Drilled By: Machine From Fr. To Ft.

Describe the type of joints in casing: welded

Describe any screens used: None

Capacity of Well: 30,000 gal. (in gallons or barrels)

How Determined: By test pump

Signed: [Signature]
Date: Dec. 26, 1967

Drilling Commenced: 19
Drilling Completed: 19
Contractor:
P. O. Address:

Foot Drilling At: $...
Foot Drilling At: $...
Days Cleaning Out At: $...
Days Pulling Pipe At: $...

Deductions: Total $...
Balance $...

34
<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>Wells, Illene P.</td>
<td>GW3</td>
<td>240611</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>GW2</td>
<td>240520</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td>GW2</td>
<td>240521</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>GW3</td>
<td>240522</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td></td>
<td>GW3</td>
<td>240523</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td></td>
<td>GW3</td>
<td>240524</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td></td>
<td>GW2</td>
<td>240525</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td></td>
<td>GW2</td>
<td>240526</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td></td>
<td>GW2</td>
<td>240527</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td></td>
<td>GW3</td>
<td>240612</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td></td>
<td>GW3</td>
<td>240607</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td></td>
<td>GW3</td>
<td>240605</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td></td>
<td>GW3</td>
<td>240604</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td></td>
<td>GW3</td>
<td>240603</td>
<td></td>
</tr>
</tbody>
</table>
**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962 (Under Chapter 237, Montana Session Laws, 1961, 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: ELLIOT WOLF

Address: 123 Main St.

Date well started: June 1, 1973

Date well completed: July 1, 1973

Type of well: Drilled

Equipment used: Drill

Water Use: Domestic

Estimate annual withdrawal

<table>
<thead>
<tr>
<th>Size of Casing</th>
<th>Depth (Feet)</th>
<th>Pumps (GPM)</th>
<th>Power</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 10 ft.*

Pumping water level: 20 ft.*

*Measured from ground level.

Well developed by: Drilled

for: 10 hours.

Power: Dug Pump: 2 HP

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.

Driller's Signature: John Doe

Driller's Address: 456 Oak St.

LICENSE NO. 1234567890

Show exact depth of bottom: 567 ft.
The within instrument was filed in my office at Hardin, Montana, the day of
JUN 29 1973 A.D. 19
at 8:24 O'clock A.M.
                             
                             }
                            County Recorder
                             Monty Jones
                            Deputy
Dear Sir:

I am sending in notice of completion of ground water appropriations for various wells, springs and reservoirs on my ranch in Big Horn and Treasure Counties. Under a good many details asked for on the notice are missing; I think it advisable to include a letter of explanation.

I inherited the ranch on the death of my father, Walsie Wolfe, in December 1964. His foreman, Kyle Nick, then took over its management last year. Mr. Nick was killed in a ranch accident, and Bill Kinke, who had had no previous connection with the place, took over. There is, therefore, no one available now who is familiar with the details of past operation.

In my files are various drillers' reports made by the & Well Drilling of Hardin, but, since they do not locate the wells mentioned, it is impossible to identify which report pertains to which well. Also & Well Drilling of Hardin have drilled or repaired several wells during the past two years, but, since their log sheets are held in another office, I am unable to obtain the information contained in them. Many of the water developments on the ranch date back as far
that no information on them can be had. I am therefore submitting what data is available.

Sincerely,

Ellen T. Wolfe
**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**

**Developed after January 1, 1962**

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**: 

**Address**: Box H

**City, State**: SHERIDAN, WYO.

**Date well started**: GW 1 8.29.73

**Completed**: 

**Type of well**: drilled

**Equipment used**: (Dip, dines, bored or drilled)

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

**Industrial** □ Drainage □ Other □ Garden/Lawn □

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

**ESTIMATED ANNUAL WITHDRAWAL**: 100,000 gpd

**SITE OF HOLE**

<table>
<thead>
<tr>
<th>Size and Weight of Casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DEPTH OF BORE**

- **Water level**: Measured minutes after pumping began.
- **Pumping level**: Measured from ground level.

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

**Driller's Signature**

**Driller's Address**

**LICENSE NO**

---

**Show exact depth of bottom**
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Senate 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: ELM H. WOLFE
Address: BOX H
SHERIDAN, WYO.
Date well started
completed
Type of well: Drilled
Equipment used
Water Use: Domestic □ Municipal □ Stock □ Irrigation □
Industrial □ Drainage □ Other □* Garden/Lawn □
*Describe M
If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL: 20,000 gal

PERFORATIONS

Static water level ft.
Pumping water level ft.
at ______ gallons per minute, measured ______ minutes after pumping began.
*Measured from ground level.
Well developed by
for ________ hours.
Power: ________ Pump: ________ HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
Each small square represents 40 acres.

Driller's Signature
Driller's Address
LICENSE NO.

Show exact depth of bottom

55 YC
STATE OF MONTANA
County of Big Horn

The within instrument was filed in my office at Hardin, Montana, the
JUN 29, 1973 day of
A.D. 19
at 8:23 o’clock A.M.

Joyce Lipsett
County Recorder

by: thr
Deputy
RECEIVED
JUL 10, 1973

STATE OF MONTANA
MONTANA DEPARTMENT OF NATURAL RESOURCES AND ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Mont. Session Laws, 1949, as amended)

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

Owner: ELLEN T. WALLE
Address: Box H, SHELDON, WYO.
Contractor (if any): —
Address of Contractor: —
Date Started: — Date Completed: —

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

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

3. Depth of water table.

4. Use of the water: STOCK.

5. Amount of groundwater claimed (in gallons per minute) 1000 GALLONS.

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

7. Estimate amount of water used each year.

8. Months of year spring flows: ALL YEAR.

Signature of Owner: ELLen T. WALLE
Date: 6/22/73
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: EILEEN T. WOLFE
Address: BOX H
SHERIDAN, WY

Date well started: GW 1
8.20.75

 completions

Type of well: Drilled
(Dee. driven, bored or drilled)

Equipment used:
(Churn drill, rotary or other)

Water Use:
Domestic ☐  Municipal ☐  Stock ☐  Irrigation ☐
Industrial ☐  Drainage ☐  Other ☐  Garden/Lawn ☐

*Describe:

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

ESTIMATED ANNUAL WITHDRAWAL:
20,000 gal

<table>
<thead>
<tr>
<th>Site of Drilled Hole</th>
<th>Site and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>K</td>
<td>W</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Kind</th>
<th>Size (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
</table>

Static water level: ft.*
Pumping water level: ft.*
at: gallons per minute,
measured: minutes after pumping
began.

*Measured from ground level.

Well developed by: for: hours.

Power: Pump: HP

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

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

Show exact depth of bottom

Driller's Signature:
Driller's Address:
LICENSE NO.

55912
STATE OF MONTANA
County of Big Horn
The within instrument was filed in my office at Hardin, Montana, this
JUN 29 1973
day of
A.D. 19
at 2:30 o'clock P.M.

Jaye Lipsett
County Recorder

Dundie Jones
Deputy
**Montana State Engineer**

**WELL DRILLER'S REPORT**

**Montana State Engineer**

**OIL AND GAS CONSERVATION COMMISSION**

**Driller:** True Drilling Company  
**Address:** Casper, Wyoming  
**Owner of Well:** H. Watts Wolfe, et al., Sheridan, Wyoming

**Exact Location of Well:** C-W NW Sec. 15, Twp 2 N, Range 34 E,  
**Big Horn County, Montana**

**Water to Be Used For:**  
**Drilling Begun:** 10/15/56  
**Well Finished:** 12/27/56  
**Well Sealed, Date:** 2/26/56  
**Type of Seal:** Casing & Valves

- 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.

**Casing Record**

<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>Kind of Size</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15&quot;</td>
<td>10-3/4&quot; 32&quot;</td>
<td>Surface</td>
<td>339'</td>
<td>Catd w/230 ax to surface</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9&quot;</td>
<td></td>
<td></td>
<td>339'</td>
<td>8078'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5-1/2&quot;</td>
<td></td>
<td>Surface</td>
<td>6063'</td>
<td>6992'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5-1/2&quot;</td>
<td></td>
<td></td>
<td>0636'</td>
<td>0688'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5-1/2&quot;</td>
<td></td>
<td></td>
<td>0636'</td>
<td>0688'</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Formation Record**

- **Attested:** 15# Surf, 3X 6880; 3X 6936; 3X 6966; 3X 6976; 3X 6992; 3X 6992; 3X 6992.

- **Type of Drilling Machine:** Rotary  
- **Description of any screens used:** None

- **Describe any grouting or cement work:** None

- **Flowing capacity of well:** Estimated 1500 BPD

- **Date water sample sent to State Board of Health:** January 19, 1957

- **County of Nueces:**  

**E. N. Hampton** (Engineer) being first duly sworn, deposes and says that he is the engineer engaged in the work, that he has read the above report, and that the same is true of his own knowledge.

**E. N. Hampton** (Engineer)

**Subscribed and sworn to before me this 1st day of January 1957**  
**Notary Public in and for Nueces County, Texas**

**Show exact depth of bottom:**  
**May 1, 1957**
DRILLING WATER WELLS

Chapter 218
Session Laws 1947

"AN ACT TO PROVIDE FOR THE CONSERVATION OF UNDERGROUND WATER; PROVIDING FOR THE CASING AND CAPPING OF ARTESSIAN WATER WELLS; PROVIDING FOR THE REGULATION OF ARTESSIAN AND DEEP WATER WELLS AND PROHIBITING THE WASTE OF WATER THEREFROM; PROVIDING A PENALTY FOR THE VIOLATION OF THE PROVISIONS OF THIS ACT AND PRESCRIBING THE DUTIES OF THE STATE ENGINEER IN RELATION THERETO."

Be it enacted by the Legislative Assembly of the State of Montana:

Section 1. Any person owning land shall have the right to sink or bore an artesian well or wells on his land for the purpose of procuring water for domestic use, for the use of stock, or irrigation, or for manufacturing purposes.

Section 2. Every person sinking or boring an artesian well or well of more than 25 feet in depth in the State shall cause to be placed in such well a proper and sufficient casing so arranged as to prevent the cave-in of such well and to prevent the escape of water therefrom through any intervening sand and gravel stratum and shall provide the necessary valves, plugs or other appliances to prevent or control the flow of water from such well, and prevent the loss of underground water above or below the ground surface.

Section 3. The driller shall keep a log of the depth, thickness, and character of the different strata penetrated, together with the data pertaining to the work; when begun; when finished; the amount, size and weight of casing, and how placed; size of drilled hole; when sealed and type of seal; name of well driller and type of machine used; the number of cubic feet per second or gallons per minute of flow from such well when finished, above the top of casing, and pressure thereof, if same be a flowing well; all of which shall be verified under oath on forms prescribed by the State Engineer and furnished to the State Engineer within thirty (30) days following completion of said well, and to be made a permanent record of his office.

Section 4. No person owning or controlling an artesian well shall suffer or permit the water thereof to flow to waste except so far as reasonably necessary to prevent the obstruction thereof, or to flow or to be taken therefrom save for beneficial purposes. The State Engineer shall administer this act in accordance with the rules and regulations for such administration. The State Engineer may require periodical statements of water elevations. The State Engineer at any time may hold a hearing on his own motion, or upon petition signed by a representative body of users of underground water in any area or sub-area, to determine whether the water supply within such area or sub-area is used in compliance with this act.

Section 5. Any officer of the county or the State Engineer or any assistant of the State Engineer, the State Geologist or a representative of the State Board of Health shall have the right to enter the premises of any such owner or proprietor, where any such well is situated, at any reasonable hour of the day, for the purpose of investigating any matters in connection with this act.

Section 6. Any person violating any of the provisions of this act shall be deemed guilty of misdemeanor, and on conviction thereof shall be punished as provided by law.

Section 7. Such information as is required or secured under the provisions hereof shall constitute public record, and as such shall be available to the public at all reasonable times.

Section 8. It is the intention of the legislature, by the exercise of the police powers of the State, to prevent the waste of underground waters and pollution and contamination of the underground water supply, and provide for the administration of the provisions of this act by regulations as may be necessary for the proper and orderly execution of the powers conferred by this act.

Section 9. For the purpose of this act, an artesian well shall be defined as a well from which water flows naturally from the top of the ground.

Section 10. All acts and parts of acts in conflict with the provisions of this act are hereby repealed; provided that this act shall not constitute a repeal of Sections 2650.1, 2650.2 or 2650.3, Revised Codes of Montana, 1935. This law becomes effective July 1, 1947.
Renewal #1 E. L. Kelly
Wildcat
Big Horn County, Montana

Formation Tops as per Schlumberger Log (Ground Elevation 3176')

<table>
<thead>
<tr>
<th>Formation</th>
<th>Depth (feet)</th>
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</thead>
<tbody>
<tr>
<td>Bearpaw</td>
<td>590'</td>
</tr>
<tr>
<td>Judith River</td>
<td>1522'</td>
</tr>
<tr>
<td>Glaggetti</td>
<td>1750'</td>
</tr>
<tr>
<td>Eagle</td>
<td>2090'</td>
</tr>
<tr>
<td>Michrara</td>
<td>2897'</td>
</tr>
<tr>
<td>Greenhorn</td>
<td>3528'</td>
</tr>
<tr>
<td>Graneros</td>
<td>3752'</td>
</tr>
<tr>
<td>Missoula</td>
<td>4038'</td>
</tr>
<tr>
<td>Thermopolis</td>
<td>4296'</td>
</tr>
<tr>
<td>Muddy</td>
<td>4590'</td>
</tr>
<tr>
<td>Bear Colorado Silt</td>
<td>4653'</td>
</tr>
<tr>
<td>Dakato</td>
<td>4810'</td>
</tr>
<tr>
<td>Fusion</td>
<td>4918'</td>
</tr>
<tr>
<td>Lakota</td>
<td>5062'</td>
</tr>
<tr>
<td>Morrison</td>
<td>5107'</td>
</tr>
<tr>
<td>Swift</td>
<td>5204'</td>
</tr>
<tr>
<td>Rieorden</td>
<td>5464'</td>
</tr>
<tr>
<td>Boves</td>
<td>5636'</td>
</tr>
<tr>
<td>Firemoon</td>
<td>5718'</td>
</tr>
<tr>
<td>Chugwater</td>
<td>5842'</td>
</tr>
<tr>
<td>Tensleep</td>
<td>5935'</td>
</tr>
<tr>
<td>Amaden</td>
<td>5999'</td>
</tr>
<tr>
<td>Charles</td>
<td>6205'</td>
</tr>
<tr>
<td>Mission Canyon</td>
<td>6590'</td>
</tr>
<tr>
<td>Lodgespole</td>
<td>6918'</td>
</tr>
<tr>
<td>Devonian</td>
<td>7433'</td>
</tr>
<tr>
<td>Silurian</td>
<td>7655'</td>
</tr>
<tr>
<td>Red River</td>
<td>7744'</td>
</tr>
<tr>
<td>Winnipeg</td>
<td>8060'</td>
</tr>
<tr>
<td>Drilled TD</td>
<td>8078'</td>
</tr>
</tbody>
</table>

RECEIVED JUN 4, 1957
STATE ENGINEER

RECEIVED JUN 3 - 1957
OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF MONTANA
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA DEPARTMENT OF RESOURCES AND CONSERVATION
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

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

For Administrator’s Use

Owner: Ellen J. Doyle
Address: Box H, Sheridan, Wyo.
Contractor (if any) —
Address of Contractor —
Date Started — Date Completed —

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

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

3. Depth of water table

4. Use of the water

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

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

7. Estimate amount of water used each year

8. Months of year spring flows

Signature of Owner: Ellen J. Doyle
Date: 6/20/72

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

<table>
<thead>
<tr>
<th>S</th>
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<tbody>
<tr>
<td></td>
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<tr>
<td>S</td>
<td>E</td>
</tr>
<tr>
<td>T</td>
<td>R</td>
</tr>
<tr>
<td>2</td>
<td>34</td>
</tr>
<tr>
<td>No.</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>1</td>
<td>Description of the property</td>
</tr>
<tr>
<td>2</td>
<td>Description of the property</td>
</tr>
<tr>
<td>3</td>
<td>Description of the property</td>
</tr>
<tr>
<td>4</td>
<td>Description of the property</td>
</tr>
</tbody>
</table>

County of Big Horn  
The within instrument was filed in my office at Hardin, Montana, this  
24th day of January, 1909.  

[Signature]

240009
**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**

ELLEN T. WOLFE

**Address**

Box H

SHERIDAN, WYO

**Date well started**

GW 1. 5-21-1973

**Type of well**

Drilled

**Equipment used**

(Chase drill, rotary or other)

**Water Use**

Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

Industrial [ ] Dredging [ ] Other [ ] Garden/Shrubs [ ]

*Describe use if used for irrigation, industrial, drainage or other. Explain state number of acres and location or other data (i.e., lot, block and addition).

**Estimated Annual Withdrawal**

1,000,000 gal

**Site of Drilled Hole**

2°

**Perforations**

<table>
<thead>
<tr>
<th>Kind</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static water level** __________ ft. *

**Pumping water level** __________ ft. *

at __________ gallons per minute, measured __________ minutes after pumping began.

*Measured from ground level.

**Well developed by**

for __________ hours.

**Power Assisted**

Pump __________ HP

**Remarks**

(Gravel packing, cementing, packers, type of shutoff)

---

**Indicate Location of Well and Place of Use, If Possible. Each Small Square Represents 40 Acres.**

---

**Driller's Signature**

**Driller's Address**

---

**License No.**

---

**Show exact depth of bottom**

---

---
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962

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

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

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

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<table>
<thead>
<tr>
<th>Owner</th>
<th>ELLM T. WOLFE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>BOX 4, SHERIDAN, WYO.</td>
</tr>
<tr>
<td>Contractor (if any)</td>
<td></td>
</tr>
<tr>
<td>Address of Contractor</td>
<td></td>
</tr>
<tr>
<td>Date:</td>
<td>5/39/73</td>
</tr>
</tbody>
</table>

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

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4. Use of the water

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7. Estimate amount of water used each year

8. Months of year spring flows

Signature of Owner: EMM T. WOLFE

Date: 5/39/73