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

So Wagner School of Wagner

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

1. (Name of Appropriator) (Address) (Town)

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1959 - Continues

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 qts. 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. 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. Jet pump. 1st floor basement.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1959

8. The depth of water table. 7 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. Perforated 67-70 ft. Quality: screen.

10. The estimated amount of groundwater withdrawn each year. 300 acre-feet avg.

11. The log of formations encountered in the drilling of each well if available. Middletone 0-60. Sand 0-70. Shale gravel.

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: Dated: Dec 30, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Denver Hould of Wagner

(Name of Appropriator) (Address) (Town)

County of Phillips 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: Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Nov 1962 8 mo. of each year

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 22 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: Electric submersible pump

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

8. The depth of water table: 22 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: Oil field deep 6 in casing

10. The estimated amount of groundwater withdrawn each year: 1,432,000 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 /s/ Denver Hould

Date December 31, 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.
Minn. 16021
237049
Phillips Co.
Filed 12-31-63.
At 10:53 A.M.
See 2,100
P. W. Malsey
Clerk & Recorder
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Jerome R. Hoult of Wagner
   (Name of Appropriator) (Address) (Town)
   County of Phillips 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. Stock & Household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1939 both

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1 gals per minute both

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. Electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1939 both

8. The depth of water table. 28 ft. both

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. Drilled well, 6" casing 28 ft.
   2. Drilled well, 6" casing 28 ft.

10. The estimated amount of groundwater withdrawn each year. 1. 1,095,000 gal 2. 900,000 gal

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

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 /s/ Jerome Hoult
Date Dec. 30, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
Misc. 16082
207110

Phillips Co.

Filed 12-31-63.
at 11:51 A.M.

See # 2.06.

R.W. Maloney

Clerk & Recorder
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Darrell Brown  
Address: Malta, Montana  
Driller: Simpson Drilling Co  
Address: Malta, Montana

Date of Notice of appropriation of ground water  
Date well started: January 15, 1973  
Date Completed: January 8, 1973

Type of well: drilled  
Equipment used: rotary  
(dug, driven, bored or drilled)

Water use: Domestic  
Municipal  
Stock  
Irrigation  
Industrial  
Drainage  
Other

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

<table>
<thead>
<tr>
<th>Layer</th>
<th>Depth (Feet)</th>
<th>Material</th>
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<td>25</td>
<td>5-20</td>
<td>Clay</td>
</tr>
<tr>
<td>30</td>
<td>20-30</td>
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<td>30-40</td>
<td>Clay</td>
</tr>
<tr>
<td>40</td>
<td>40-50</td>
<td>Sand</td>
</tr>
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</table>

Static Water Level for non-flowing well: 10 feet  
Shut-in Pressure for flowing well: 15 feet  
Pumping Water Level: 20 feet  
at 15 gal. per minute.  
Discharge in gal. per min. of flowing well: 20

How Tested:  
Length of Test: 2 hours

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)

Show exact depth of bottom.

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

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

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

George L. Davis
(Name of Appropriator)
of
Wagner
(Address)
County of Phillips . State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1968, as follows:

2. The beneficial use on which the claim is based Domestic and Stock

3. Date of approximate date of earliest beneficial use; and how continuous the use has been: continuous since 1937

4. The amount of groundwater claimed (in inches or gallons per minute) 10 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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Summer of 1936 not used until 1937

8. The depth of water table...6 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: Drilled, 5 in. iron casing, 70 ft. deep

10. The estimated amount of groundwater withdrawn each year 50,000 gallons

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

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

Signature of Owner

Date Dec. 29, 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 Phillips.  
Filed for Probate in the Court of Phillips County  
Dec. 23, 1925  
R. C. Thomas,  
Recorder.  
R. C. Thomas,  
Recorder.
**Declaration of Vested Groundwater Rights**

(As provided under Chapter 237, Montana Session Laws, 1941)

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
<th>County of Phillips</th>
<th>State of Montana</th>
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</table>

1. County of Phillips, State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1942, as follows:

2. The beneficial use on which the claim is based: **Livestock**

3. The date or approximate date of earliest beneficial use, and how continuous the use has been: **1940 - Continuous**

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater about 1930.

8. The depth of water table: **18 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: **Drilled, 5 in., Iron casing, 70 ft.**

10. The estimated amount of groundwater withdrawn each year: **365,000**

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

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

Signature of Owner: __________________________
Date: 8-9-63

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

1. Howard F. Newton, of Deer Lodge, Montana.
   County of Phillips, State of Montana.
   Have appropriated groundwater according to Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   1937 - 1962

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

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:
   Jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   1936

8. The depth of water table:
   5 ft. app.

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:
   5" casing - app. 40' in depth

10. The estimated amount of groundwater withdrawn each year:
    200,000 gals

11. The log of formations encountered in the drilling of each well if available:
    None

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: Howard F. Newton
Date: Dec. 11, 1962

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

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

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

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

George E. Green
(Name of Appropriator)

Wagner
(Address)

Phillips
(Town)

Montana
(State of)

County of Philips

I, George E. Green, do hereby declare and claim to own the vested groundwater rights set forth herein 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 Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. George L. Davis (Name of Appropriator) of Wagner
   (Address) (Town) County of Phillips 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, Domestic and Stock

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been, 1937, continuous

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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, jet pump

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater, Summer of 1936, not used until 1937

   8. The depth of water table, 6 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, Drilled, 5 in., Iron casing, 68 ft.

   10. The estimated amount of groundwater withdrawn each year, 500,000 gallons

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

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

   Signature of Owner
   Date, December 20, 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.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Wiljo Kangas, at Wagner
(Name of Appropriator) (Address) (Town)
County of Phillips, 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:
   House & Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1937

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5 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:

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   1937

8. The depth of water table: 25 ft

9. So far as it may be available, the type, age and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   Drilled well 5 and casing

10. The estimated amount of groundwater withdrawn each year: 365,000 gal

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

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

Signature of Owner: Wiljo Kangas
Date: Dec 30 1963

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

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

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

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

1. Dale Waters, of Wagner, State of Montana
   County of Phillips
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>N</th>
<th>E</th>
<th>W</th>
<th>S</th>
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</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based: House, Irrigate, Garden, stock, and yard.

3. Date or approximate date of earliest beneficial use: 1937, Continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 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:
   4 acres around pump.
   Dale Waters, owner.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Summer 1937.

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: Drilled 6 in casing 150 ft. deep.

10. The estimated amount of groundwater withdrawn each year: 1,000,000 gallons.

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

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

Signature of Owner /s/ Dale Waters

Date Dec. 31, 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.
Mem. 16034
237062

Phillips Co.
Filed 12-31-63.
at 11:05 A.M.
See # 2.00.

R. W. McNeely
Clerk or Recorder.
STATE OF MONTANA
ADMINISTRATION OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1941)

Leo Green
of
Wagner

County of PHILLIPS 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 Domestic, stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct 3, 1944

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

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 [Signature]

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Dec 5, 1944, completed Oct 2, 1944

8. The depth of water table 4 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 [Signature]

10. The estimated amount of groundwater withdrawn each year 5,000,000 gal

11. The log of formations encountered in the drilling of each well if available 0-30: sandy gravel 30-60: silty clay 60-100: sand 100-200: clay 200-300: sand, clay 300-400: gravel and sand

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 Dec 5, 1944

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.
Declaration of Vested Groundwater Rights

Under Chapter 237, Montana Session Laws, 1961

1. Philip J. Doucette
   (Name of Appropriator)
   (Address)
   (Town)
   County of Phillips
   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: domestic use and watering livestock.

3. Date or approximate date of earliest beneficial use: 1946. Use has been continuous since well had been dug.

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: Jet pump, R. S.W. of Sec. 3, T. 30 N., R. 28 E.M.M., in basement of dwelling.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1946 and completed in 1946.

8. The depth of water table: Eighty 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: Well is 123 feet deep; has 4" casing; electric jet pump located over casing for pumping up water.

10. The estimated amount of groundwater withdrawn each year: 200,000 gallons per year.

11. The log of formations encountered in the drilling of each well if available: 0-1 top soil; 1-9: sandy-brown clay; 9-15 gravel & clay; 15-31 boulders & gravel; 31-48 brown clay; 48-81 gravel & sand & water; 81-100 sand & clay; 100-165 blue clay & sand; 165-200 clay & gravel some water; 200-320 brown clay; 320-500 gravel & sand & water.

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: Philip J. Doucette
Date: September 25, 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 Phillips, 
Filed for Record this ______ day of ____, A. D. 19____ at ___ o'clock ______ P.M. and duly Recorded in book of __________

by __________________________
Fee $ ______
Return

236292
236292
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. **Joseph Holley**
   (Name of Appropriator)
   (Address)
   Town
   County of **Phillips**
   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.
   - Domestic & Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   - 1940

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   - 6 gals 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.
   - No

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   - 1949

8. The depth of water table.
   - 30 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.
   - Drilled-6" casing - 65 feet

10. The estimated amount of groundwater withdrawn each year.
    - 100,000 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.
    - No

Signature of Owner

Date: Dec 27, 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.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<tr>
<td>3</td>
<td>Fran Baker</td>
<td>Gw 2</td>
<td>233436</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>J. A. Baker</td>
<td>Gw 4</td>
<td>236295</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Alva Baker</td>
<td>1959</td>
<td>222324</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Marvin Outwater</td>
<td>Gw 4</td>
<td>236334</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Henry Stine</td>
<td>Gw 2</td>
<td>237934</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Allen J. &amp; Rhoda F.</td>
<td>Gw 4</td>
<td>236400</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Hazel Martin</td>
<td>Gw 4</td>
<td>237047</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Allen Hill</td>
<td>Gw 2</td>
<td>237400</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Paul Spiekenbacher</td>
<td>Gw 4</td>
<td>236348</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>R. W. Dobson</td>
<td>Gw 2</td>
<td>232231</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Bert &amp; Belle Konis</td>
<td>Gw 4</td>
<td>246448</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Hulda R. Christo</td>
<td>Gw 4</td>
<td>236232</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Donald L. Alston</td>
<td>Gw 4</td>
<td>236432</td>
<td></td>
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<tr>
<td>16</td>
<td>Betty ellos</td>
<td>Gw 4</td>
<td>236293</td>
<td></td>
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<tr>
<td>17</td>
<td>L. W. Dobson</td>
<td>Gw 2</td>
<td>235231</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Bert Konis</td>
<td>Gw 4</td>
<td>246443</td>
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<td>19</td>
<td>James O. Tyler</td>
<td>Gw 4</td>
<td>237049</td>
<td></td>
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<tr>
<td>20</td>
<td>Alton &amp; Agatha Johnst</td>
<td>Gw 4</td>
<td>236299</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>John C. Alston</td>
<td>Gw 4</td>
<td>237041</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Alvin Coleman</td>
<td>Gw 4</td>
<td>236345</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>W. W. Winkle</td>
<td>Gw 4</td>
<td>235401</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>James G. Edward</td>
<td>Gw 4</td>
<td>237247</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Rella F. Knuffman</td>
<td>Gw 4</td>
<td>231361</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>G. Harry &amp; Eliza Byer</td>
<td>Gw 4</td>
<td>236490</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Alva S. Robinson</td>
<td>Gw 4</td>
<td>236420</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Alva S. Robinson</td>
<td>Gw 4</td>
<td>236233</td>
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<tr>
<td>29</td>
<td>Alva S. Robinson</td>
<td>Gw 4</td>
<td>236423</td>
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<tr>
<td>30</td>
<td>Alva S. Robinson</td>
<td>Gw 4</td>
<td>236424</td>
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<tr>
<td>31</td>
<td>Alva S. Robinson</td>
<td>Gw 4</td>
<td>236323</td>
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</tr>
<tr>
<td>32</td>
<td>Alva S. Robinson</td>
<td>Gw 4</td>
<td>236324</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Alva S. Robinson</td>
<td>Gw 4</td>
<td>236331</td>
<td></td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

DAVE LAFOND and SHERMAN DUCOTTE, of MALTA, 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 domestic use and livestock use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. November 22, 1971 and in continuous use ever since said date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 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 applicable

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

7. The date of commencement and completion of the construction of the well, or other works for withdrawal of groundwater. October 30, 1971 and completed on November 22, 1971.

8. The depth of water table 2560 feet; 2763 feet and 2860 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. Flowing well; 6" size; 2937 feet.

10. The estimated amount of groundwater withdrawn each year. 105,120,000 gallons per year.

11. The log of formations encountered in the drilling of each well if available. Log submitted with Notice of Completion of Groundwater Appropriation by Means of 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.

RECEIVED

Date December 16, 1971

Signature of Owner

Three copies to be filed by 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.
RELEASE AGREEMENT

NOW ALL MEN BY THESE PRESENTS, that I, we, DAVE LAPOND and SHERMAN

DOUCETTE of the County of Phillips in the State of Montana, as the owner of the hereinafter described land upon which a well for oil or gas was drilled, to-wit:

Operator WERR RESOURCES INC.

Lease Name DAVY LAPOND

Well No. 6-10 Sec. 6, Twp. 30 N., Rgs. 29 E.
The well is located ___ feet § of the ___________ line and ___ feet § of the ___________ line.

That, in accordance with Regulation 233.6, Order No. 1-1, November 30, 1953, I do hereby notify the Oil and Gas Conservation Commission of the State of Montana of my desire to utilize said well as a fresh water well; and, that if such utilization is approved, I do hereby release and discharge the operator hereinabove named from any further work or responsibility in relation to the plugging of said well.

Water Use: Domestic ______ Municipal ______ Stock XX ______ Other ______

Industrial ______ Drainage ______ Irrigation ______

Producing Depth 2929 Producing Formation Dakota

Yield of well 200 gal. per minute Annual Withdrawal 105,120,000 gals.

WITNESS my hand and seal this 6th day of November, 1971.

WITNESS my hand and seal this 6th day of November, 1971.

WITNESS my hand and seal this 6th day of November, 1971.

IN THE PRESENCE OF:

APPROVED BY:

Petroleum Engineer, Geologist, or Executive Secretary

Dated: Nov. 12, 1971
General Rules and Regulations
Order No. 1-1, Nov. 30, 1953
Regulation 233.6

Wells used for fresh water.

When the well to be plugged may safely be used as a fresh water well, and such utilization is desired by the landowner, the well need not be filled above the required sealing plug set below fresh water; provided, that written notification of such utilization is secured from the landowner and filed with the Commission. Approval by the Petroleum Engineer of the work done shall relieve the operator of further responsibility.
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, 1945
(Under Chapter 237 Montana Session Laws, 1941, 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
Address
Date well started
Date well completed
Type of well
Equipment used
Water Use
*Describe

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Depth of Casing</th>
<th>Depth</th>
<th>HP</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>9&quot;</td>
<td></td>
<td>0'</td>
<td>164 K Prime</td>
<td>open hole completion</td>
</tr>
<tr>
<td>6.4&quot;</td>
<td></td>
<td>164'</td>
<td>2115 K Prime</td>
<td></td>
</tr>
</tbody>
</table>

Static water level
Pumping water level
at gallons per minute,
measured minutes after pumping
began.
*Measured from ground level.

Well developed by
for hours.
Power Pump
Remarks: (Gravel packing, cementing, packers, type of shutoff) 

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

RECEIVED

Driller's Signature

Driller's Address

General Well Service Inc.

General Well Service Inc. LICENSE NO. 195

Show exact depth of bottom
<table>
<thead>
<tr>
<th>Depth</th>
<th>Lithology (samples not lagged)</th>
</tr>
</thead>
<tbody>
<tr>
<td>160-220</td>
<td>Cement, Shale grey, soft.</td>
</tr>
<tr>
<td>220-260</td>
<td>Shale grey, soft, clay-like.</td>
</tr>
<tr>
<td>260-320</td>
<td>Shale grey, soft; trace siltstone, grey, glauconitic.</td>
</tr>
<tr>
<td>320-340</td>
<td>Shale grey, soft; little grey micaceous siltstone, non-calcareous.</td>
</tr>
<tr>
<td>340-360</td>
<td>Limestone grey, dense, argillaceous, scattered celeite fossil fragments; Shale grey, very soft.</td>
</tr>
<tr>
<td>360-380</td>
<td>Shale grey, very soft, trace limestone fragments.</td>
</tr>
<tr>
<td>380-400</td>
<td>Siltstone grey, soft with clay matrix, non-calcareous, shale light grey, very soft.</td>
</tr>
<tr>
<td>400-440</td>
<td>Shale grey, soft, part little more firm.</td>
</tr>
<tr>
<td>440-480</td>
<td>Shale grey, mostly very soft.</td>
</tr>
<tr>
<td>480-500</td>
<td>Shale as above; trace dense brown limestone.</td>
</tr>
<tr>
<td>500-520</td>
<td>Shale grey, soft; trace tan limestone.</td>
</tr>
<tr>
<td>520-620</td>
<td>Shale grey, very soft clay-like.</td>
</tr>
<tr>
<td>620-640</td>
<td>White gypsum fragments; scattered white limestone fragments.</td>
</tr>
<tr>
<td>660-660</td>
<td>Shale light grey, soft, part gypsum.</td>
</tr>
<tr>
<td>660-700</td>
<td>Shale grey, mud, gypsum.</td>
</tr>
<tr>
<td>700-880</td>
<td>Samples becoming poor due to gypsum and bentonite in mud. Shale grey, soft, &quot;muddy&quot;.</td>
</tr>
<tr>
<td>880-1060</td>
<td>Shale grey, soft, mostly mud. Poor samples.</td>
</tr>
<tr>
<td>1060-1100</td>
<td>Shale grey, soft muddy; trace loose siltized sand grains.</td>
</tr>
<tr>
<td>1100-1120</td>
<td>Lost circulation for a few minutes at about 1110'. Mud stiffened, mud properties suggested that drilled through some gypsum beds.</td>
</tr>
</tbody>
</table>
CUTTING SAMPLE DESCRIPTION

<table>
<thead>
<tr>
<th>DEPTH</th>
<th>LITHOLOGY (samples not lagged)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1120-1140</td>
<td>Shale mostly light grey, very soft; trace speckled shale very calcareous.</td>
</tr>
<tr>
<td>1140-1240</td>
<td>Shale grey-brown, speckled, very calcareous, poor samples.</td>
</tr>
<tr>
<td>1240-1300</td>
<td>Shale grey, soft, part calcareous.</td>
</tr>
<tr>
<td>1300-1320</td>
<td>Siltstone grey, glauconitic, clay-filled, very calcareous, samples mostly mud.</td>
</tr>
<tr>
<td>1320-1340</td>
<td>Siltstone sandy, glauconitic, appears clay-filled, calcareous cement, scattered loose very fine grained sand.</td>
</tr>
<tr>
<td>1340-1360</td>
<td>Sandstone very fine grained, unconsolidated, numerous calcite fossil fragments. Shale grey soft, with gypsum fragments.</td>
</tr>
<tr>
<td>1360-1380</td>
<td>Shale grey, soft, gypsum fragments; trace light grey glauconitic, sandy siltstone; samples poor.</td>
</tr>
<tr>
<td>1380-1386</td>
<td>Circulation samples, Sample mostly mud; trace loose, very fine grained sand; gypsum fragments. DST #1</td>
</tr>
<tr>
<td>1386-1440</td>
<td>Shale grey, soft, poor sample.</td>
</tr>
<tr>
<td>1440-1480</td>
<td>Siltstone soft, white to light grey, micaceous, shale as above.</td>
</tr>
<tr>
<td>1480-1520</td>
<td>Shale as above; trace siltstone, sandy, salt and pepper.</td>
</tr>
<tr>
<td>1520-1580</td>
<td>Shale grey, soft, muddy; poor samples.</td>
</tr>
<tr>
<td>1580-1620</td>
<td>Shale soft, muddy, sandstone trace, very fine grained, very poor samples due to high solid content in mud (9%).</td>
</tr>
<tr>
<td>1620-1633</td>
<td>Sandstone silty, appears to be well cemented, white to light grey, few scattered limestone fragments. DST #2</td>
</tr>
<tr>
<td>1633-1680</td>
<td>Shale grey, part silty; limestone grey, dense with scattered fossil fragments; few loose quartz grains. No visible porosity. Samples much better--cleaned pits and mixed new mud.</td>
</tr>
<tr>
<td>1680-1720</td>
<td>Sandstone very fine-grained, salt and pepper, calcareous cement; numerous limestone fragments. Shale light grey to grey.</td>
</tr>
<tr>
<td>1720-1840</td>
<td>Shale grey, part silty, glauconitic; no visible porosity.</td>
</tr>
<tr>
<td>DEPTH</td>
<td>LITHOLOGY (samples not legged)</td>
</tr>
<tr>
<td>---------</td>
<td>-------------------------------------------------------------------</td>
</tr>
<tr>
<td>1840-1860</td>
<td>Shale as above; trace fish scales?</td>
</tr>
<tr>
<td>1860-1920</td>
<td>Siltstone light grey, part glauconitic, shale grey, part silty; numerous limestone fragments.</td>
</tr>
<tr>
<td>1940-1960</td>
<td>No sample.</td>
</tr>
<tr>
<td>1960-2040</td>
<td>Siltstone grey, soft, glauconitic; shale grey; white calcite fragments.</td>
</tr>
<tr>
<td>2040-2060</td>
<td>No sample.</td>
</tr>
<tr>
<td>2060-2160</td>
<td>Siltstone grey, part glauconitic; shale grey to dark grey.</td>
</tr>
<tr>
<td>2160-2180</td>
<td>Shale grey to dark grey; trace bentonite.</td>
</tr>
<tr>
<td>2180-2200</td>
<td>Shale part grey soft, some slightly silty; shale part dark grey; trace bentonite; scattered pyrite fragments.</td>
</tr>
<tr>
<td>2200-2300</td>
<td>Shale part grey, part dark grey; trace light grey glauconitic siltstone.</td>
</tr>
<tr>
<td>2300-2340</td>
<td>Siltstone light grey, clay-filled; shale grey; trace fish scales.</td>
</tr>
<tr>
<td>2340-2460</td>
<td>Shale part light grey, silty, glauconitic; siltstone light grey clay-filled, glauconitic; scattered fossil fragments.</td>
</tr>
<tr>
<td>2460-2480</td>
<td>Shale grey to light grey; trace loose, fine-grained quartz grains; scattered calcite fragments.</td>
</tr>
<tr>
<td>2480-2520</td>
<td>Sandstone, heavy trace; very fine to fine grained, unconsolidated, grains mostly rounded. No show.</td>
</tr>
<tr>
<td>2520-2560</td>
<td>Shale part light grey somewhat silty, part grey fissile.</td>
</tr>
<tr>
<td>2560-2620</td>
<td>Shale light grey part silty; part grey fissile.</td>
</tr>
<tr>
<td>2620-2720</td>
<td>Shale as above; trace white to light grey, glauconitic siltstone.</td>
</tr>
<tr>
<td>2720-2760</td>
<td>Shale dark grey fissile.</td>
</tr>
</tbody>
</table>
### Cutting Sample Description

<table>
<thead>
<tr>
<th>Depth</th>
<th>Lithology</th>
</tr>
</thead>
<tbody>
<tr>
<td>2760-2780</td>
<td>Shale dark grey, fissile; trace medium size loose quartz grains; trace white, very fine grained, sandstone. Reverse drilling break at 2771'.</td>
</tr>
<tr>
<td>2780-2800</td>
<td>Sandstone heavy trace, rounded grains; shale grey, fissile. No show.</td>
</tr>
<tr>
<td>2800-2820</td>
<td>Shale dark grey, splintery; little green shale.</td>
</tr>
<tr>
<td>2820-2840</td>
<td>Sandstone fine to medium grained, unconsolidated, shale black fissile. No show.</td>
</tr>
<tr>
<td>2840-2860</td>
<td>Sandstone fine to medium grained, unconsolidated, sub-angular to rounded, clear to translucent, few yellow grains; shale black fissile. No show.</td>
</tr>
<tr>
<td>2860-2900</td>
<td>Shale vari-colored, red, purple, green; sandstone conglomeratic, mostly loose rounded grains; heavy twice black and white grains cemented with white clay cement.</td>
</tr>
<tr>
<td>2900-2920</td>
<td>Sandstone part white to light grey, well cemented, part unconsolidated, medium to fine grained; shale mostly grey splintery, little red and brown.</td>
</tr>
<tr>
<td>2920-2940</td>
<td>Sandstone white very fine to fine grained, sugary clusters, excellent porosity. No show.</td>
</tr>
<tr>
<td>2940-2960</td>
<td>Sandstone white, fine to medium grained, sub-angular to rounded, mostly unconsolidated. Estimate good porosity; no show.</td>
</tr>
<tr>
<td>2960-2980</td>
<td>Sandstone fine to medium grained, unconsolidated, rounded grains, excellent porosity.</td>
</tr>
<tr>
<td>2980-2987</td>
<td>Total depth. Samples as above.</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Frank Schoe
Address: Malta, Montana

Driller: Simpson Drilling Co
Address: Malta, Montana

Date of Notice of appropriation of ground water
Date well started
Date Completed

Type of well: drilled
Equipment used: rotary
(dug, driven, bored 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.

Static Water Level for non-flowing well
Shut-in Pressure for Flowing well
Pumping Water Level
Discharge in gal. per min. of flowing well

How Tested: bailer
Length of Test: one hour

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)

Show exact depth of bottom.

Written Sec 2,
T.30 R.29

Malta

Original to 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.

Duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

<table>
<thead>
<tr>
<th>Name of Approporator</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frank B. Buech</td>
<td>Montana, Miles</td>
</tr>
</tbody>
</table>

County of Phillips, 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: Water for
   farm supply of livestock for cattle.
   
3. Date or approximate date of earliest beneficial use and how continuous the use has been: Was drilled in 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 15 gals 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: Jet
   
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Fall of 1960

8. The depth of water table: 60 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. The estimated amount of groundwater withdrawn each year: 100,000 gals

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: Dec. 30, - 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Approporator.
# WATER WELL LOG

**Owner:** Frank Babas  
**Address:** Malta

**Driller:** Simpson Drilling Co.  
**Address:** Malta

**Date Started:** Sept. 8, 1959  
**Date Completed:** Sept. 9, 1959

**Location:** Sec. 7  
**T. 30 N.**  
**R. 29 W.**  
**Sec. 1/4**  
**County:** Phillips

## Well Details

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Drilled</th>
<th>Equipment Used</th>
<th>Churndrill</th>
</tr>
</thead>
</table>

## Water Use

- **Domestic**
- **Municipal**
- **Stock**
- **Irrigation**
- **Industrial**
- **Drainage**
- **Other**

## Casing Details

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ft. to 76 ft.</td>
<td>4&quot;</td>
</tr>
</tbody>
</table>

## Perforations Details

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>72 ft. to 73 ft.</td>
<td>2</td>
</tr>
<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>0 - 30</td>
<td>Sand clay rocks</td>
</tr>
<tr>
<td>30 - 56</td>
<td>Brown sand</td>
</tr>
<tr>
<td>56 - 72</td>
<td>Gray muddy mud</td>
</tr>
<tr>
<td>72 - 76</td>
<td>Gravel</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)

1. Marianne Pettit, of Montana, (Town)

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: 1937 - Continuously

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

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: 25 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:

10. The estimated amount of groundwater withdrawn each year: 255,000 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: Marianne Pettit
Date: Dec. 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.
Notice of Completion of Groundwater Appropriation by Means of Well.

(Under Chapter 237, Montana Session Laws, 1961)

Owner: DAVID LAFORD  Address: MALZA, MONTANA
Driller: SIMPSON DRILLING CO  Address: MALZA, MONTANA

Date of Notice of appropriation of ground water: May 14, 64
Date Completed: May 19, 1964

Type of well: Drilled
Equipment used: Churn

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>Depth of Drilled Hole</th>
<th>Diameter of Hole</th>
<th>Type of Drilling</th>
<th>Kind of Operation</th>
<th>Number of Holes</th>
<th>Length of Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>83</td>
<td>6</td>
<td>Churn</td>
<td>1/16</td>
<td>96</td>
<td>20 minutes</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 83 feet.

Shut-In Pressure for flowmg well: 90 feet.

Pumping Water Level: 90 feet
Discharge in gal. per min. of flowing well: 10 gal.

How Tested: bailer

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

Driller's License Number

Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for Appropriator.
**Notice of Completion of Groundwater Appropriation by Means of Well**

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**STATE ENGINEER**

(under Chapter 237, Montana Session Laws 1963)

**Notice of Completion of Groundwater Appropriation by Means of Well**

- **Owner:** DavidJacob
- **Address:**
- **Date of Notice of Appropriation of groundwater:**
- **Date Well started:** May 14, 1964
- **Date Completed:**
- **Type of well:** drilled
- **Completed by:**
- **Water use:** domestic
- **Depth of bottom:**

**Illustration of Well Location**

- **Grid:**
- **Square:** represents 10 acres
- **Number:**

- **Driller’s License Number:**
- **Driller’s Signature:**

**Comments:**

- **Driller’s Signature:**

**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 and Quadruplicate for Appropriator.**
Allan J. and Rhoda M. Crowder

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

of

(Adress)

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: household, garden irrigation and stock water.

3. Date of earliest beneficial use: October, 1913

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

5. If used for irrigation, give the acreage and description of the land to which water has been applied: 20 acres. Sec. 9, T. 30 N., R. 29, W. 2

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: jet pump, well is 100 feet north of residence.

7. The date of commencement and completion of construction of the well, wells, or other works for withdrawal of groundwater: October, 1913

8. The depth of water table: 12 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: hand dug well, 21 feet deep, with galvanized steel pipe.

10. The estimated amount of groundwater withdrawn each year: 219,000

11. The log of formations encountered in the drilling of each well: None 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: None

Signature of Owner: Allan J. Crowder
Date: December 16, 1963
State of Montana,
County of Phillips,
Filed for Record this 17th day of August... A.D. 1931, from
of blank... A.M. and duly Recorded in book
By...
Fee $2...
Return...
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Harold Meredith
   (Name of Appropriate)

   of
   (Address)

   County of
   (Town)

   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. Irrigation and House use

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1 x 25 gal per min. 2 x 25 gal per min. 3 x 25 gal per min. 4 x 25 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 each water from the ground and the location of each well or other works for withdrawal.

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

   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 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: /s/ Harold H. Meredith

   Date: Dec 31, 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 Appropriate.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

OWNER: FLOYD MILL
Address: MALTA

DRILLER: CAROL PALMA
Address: Saco

Date of Notice of appropriation of groundwater:

Date well started: 7/25/20
Date completed: 7/28/20

Type of well: DUGWELL
Equipment used: CHISEL
(Dredged, driven or drilled) (Chisel 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, 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.

Date for record:
31 day of July, A.D. 1977

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

Shut-in Pressure for Flowing Well:

Pumping Water Level: 63 feet
Discharge in gal. per min. of flowing well:

How Tested: BALING
Length of Test: 2 1/2 hrs.
Remarks: (Gravel packing, cementing, packers, type of shut-off):

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).

File No.:

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, one copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

### STATE OF MONTANA

**ADMINISTRATOR OF GROUNDWATER CODE**  
**OFFICE OF STATE ENGINEER**

### RECEIVED  
**DEC 16, 1963**

#### STATE ENGINEER

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paul Dallenbach</td>
<td></td>
<td>Malta</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>County of</th>
<th>State of</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phillips</td>
<td>Montana</td>
</tr>
</tbody>
</table>

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: **Acreage, House, and Garden Irrigating**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:  
   - **Original well drilled during:** 1947
   - **New well drilled with larger casing during:** 1956
   - **Increase to larger casing:** 1957

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **15 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: **One half acre lawn and garden**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:  
   - **Electric Jet Pump, Located in home yard**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:  
   - **1947, Casing enlarged 1956**

8. The depth of water table: **About 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:  
   - **Depth of well:** 84 ft.  6 in. casing  Drilled

10. The estimated amount of groundwater withdrawn each year: **700000 GALLON**

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: **None**

Signature of Owner:  

Dec. 13, 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
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1963
(Under Chapter 337 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.

F. M. Debroe
MONTANA WATER RESOURCES BOARD

Date well started: Dec 23, 1970
Completed: Feb 18, 1971

Type of well: Drilled

Equipment used: 2½ HP

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

Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

*Describe

USIf 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: 400,000 GALLONS

Top of Ground

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>12</td>
<td>14</td>
</tr>
</tbody>
</table>

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

Driller's Signature: Robert L. Simpson
Driller's Address: Box 906, Malta, Montana

LICENSE NO. 75

Show exact depth of bottom: 4227