Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Date of Appropriation of Groundwater</th>
<th>1952</th>
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</thead>
<tbody>
<tr>
<td>Owner</td>
<td>James N. Bailey</td>
</tr>
<tr>
<td>Address of Owner</td>
<td>Forsyth, Mont</td>
</tr>
<tr>
<td>Contractor (if any)</td>
<td>self</td>
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<tr>
<td>Address of Contractor</td>
<td></td>
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<tr>
<td>Date Started</td>
<td>1952</td>
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<tr>
<td>Date Completed</td>
<td>1952</td>
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<tr>
<td>Describe means of obtaining groundwater without a well &quot;as by sub-irrigation and other natural processes&quot;. Include depth to water when applicable.</td>
<td>piped to stock tank</td>
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<tr>
<td>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.</td>
<td>4 gal per Min</td>
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<tr>
<td>Indicate point of appropriation and place of use, if possible.</td>
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</table>
STATE OF MONTANA, COUNTY OF ROSEBUD, SS. FILED DEC. 30, 1963, AT 4 P.M. CO. CLERK.

179947

[Signature]

[Count]
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Unknown

Owner: Aschenhurst Ranch, Address: Forsyth

Contractor (if any): None

Address of Contractor:

Date Started: Date Completed:

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

Spring: wooden trough

Depth: approx. 2'

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.

Approx. 1 gal. per min. estimated

8 mos. per year

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

Signature of Owner:  
Date: 12-28-63

File No.

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 ROSEBUD SS. FILED DEC 30, 1963, AT RON M. CO.CLERK

Received Dec.
by: Ellen Clark, Aug.
### Groundwater Index

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td></td>
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</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Northern Pacific Railway Company, of 5th & Jackson Sts, St. Paul, Minn.
(Name of Appropriator)

County of Ramsey State of Minnesota
(Address) (Town)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Continuous since 1956.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 3 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: None.

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: Drilled in 1956.

8. The depth of water table: 25 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: 80 feet deep - 6-inch casing.

10. The estimated amount of groundwater withdrawn each year: None.

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

Northern Pacific Railway Company
Signature of Owner
Date

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

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

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater...1962

Owner: Northern Pacific Railway Co. Address: St. Paul, Minn.

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. Spring.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. Spring flows 40 gallons per hour, measured over a period of time.

Signature of Owner...By.. L. J. Kellogg

Dist. Supervisor, Gras. and Cult.

Date

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

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

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

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

| Northern Pacific Railway Company, of N.P. Bldg., St. Paul, |
| (Name of Appropriator) (Address) (Town) |
| County of Ramsey State of Minnesota |

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...Furnishing water for livestock...

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...Continuous since 1917...

4. The amount of groundwater claimed (in miner's inches or gallons per minute)...600 gallons per 24 hours...

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...None...

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...Well, drilled in 1917...

8. The depth of water table...10 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...44 feet deep...not cased...

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

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...No other information available...

Northern Pacific Railway Company
Signature of Owner.
Dist. Supervisor, Graz. & Cult.
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. Northern Pacific Railway Company... of N.P., Office Bldg., St. Paul, Minn.
   (Name of Appropriator) (Address) (Town)

   County of Ramsey State of Minnesota

   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: watering livestock, well water 500 head.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Continuous since 1965.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 4 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: None.

   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: Drilled in 1965.

   8. The depth of water table: 75 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: 200 feet deep - 4-inch casing.

   10. The estimated amount of groundwater withdrawn each year: 100,000 gallons.

   11. The log of formations encountered in the drilling of each well if available: 0-22' surface soil, 22-30' coali, 30-38' shale and sandstone stringers, 38-90' coali, 90-120' shale and sandstone stringers, 120-150' sandstone, 150-200' coali and shale.

   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 other information available.

Northern Pacific Railway Company
Signature of Owner: By E.L. Johnson, Material Supervisor, Irrig. & Cult.
Date:

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

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

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

Filed on the 26th day of December,
1967, at 2:00 o'clock P.M.

Howard Jan.
County Clerk of Montana

by Daniel S. W. H.
DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Northern Pacific Railway Company
   (Name of Appropriator)
   of M.P. Office Bldg., St. Paul, Minn.
   (Address)
   Ramsey
   (Town)
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Continuous since 1854.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: None.

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: Drilled in 1854.

8. The depth of water table: 66 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: 115 feet deep = 4-inch casing.

10. The estimated amount of groundwater withdrawn each year: No information.

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

Northern Pacific Railway Company
Signature of Owner: By
District Supervisor: Grass & Cult.
Date:

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriate.
STATE OF MONTANA,
COUNTY OF ROSEBUD

On the 6th day of August,

1885, at 8:00 o'clock a.m.,

Before me, Howard Reid,

CLERK OF COURT

The parties

[Signature]

8/2/85

[Signature]
DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
OFFICE OF STATE ENGINEER

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

1. Northern Pacific Railway Company, of H.P. Office Bldg., St. Paul, Minn.,
(Name of Appropriator)
(Address)
(Town)
County of Ramsey, State of Minnesota,
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: watering livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Continuous since 1958.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 6 gallons per minute.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Drilled in 1958.

8. The depth of water table: 40 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 150 feet deep - 4½ inches.

10. The estimated amount of groundwater withdrawn each year.

11. The log of formations encountered in the drilling of each well if available: 0-18', top soil; 18-50', coal; 52-60', shale; 60-780', sand rock; 78-1085', blue sand rock; 1085-1270', water 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: No other information available.

Northern Pacific Railway Company
Signature of Owner...

District Super., Gray, and Cult.
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 (SS.
COUNTY OF ROSEBUD)

Filed on the 26th day of December
1964 at ______:____:____ o'clock P.M.

Howard Scott
County Clerk or at ______.

[Signature]

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

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

Northern Pacific Railway Company, of N.P. Office Bldg, St. Paul, Minn.

County of Ramsey, State of Minnesota

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... WATERING LIVESTOCK.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... CONTINUOUS SINCE 1943.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof... None.

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... DRILLED IN 1943.

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... 145 FEET DEEP - 4-INCH CASING.

10. The estimated amount of groundwater withdrawn each year.

11. The log of formations encountered in the drilling of each well if available... NO LOG 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... NO OTHER INFORMATION AVAILABLE.

Northern Pacific Railway Company
Signature of Owner... BY... signature
Dist. Supvr, Grad. & Cult.
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. Name of Appropriator: ____________________________
   Address: ________________________________________
   Town: __________________________________________
   County of: ______________________________________
   State of: Montana

   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:
      Stock & Household

   3. Date or approximate date of earliest beneficial use and has been used: ____________________

   4. The amount of groundwater claimed (in minor's inches or gallons per minute): 20 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.
      Land description: ____________________________________________________________________________
      Owner: ____________________________________________

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 1 Pumping

   7. The date of commencement and completion of the construction of the well, wells, or other means of withdrawal: ____________________________

   8. The depth of water table: 20 ft. to 100 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: ____________________________

   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.

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. 

2. The beneficial use on which the claim is based. (Land user or livestock)

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. (1914)

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. (Acreage)

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. (1939)

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. (Casing, Electric pump)

10. The estimated amount of groundwater withdrawn each year. (500 cu. ft)

11. The log of formations encountered in the drilling of each well if available. (Sand, Rock, Coal)

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. (Location for deposition)

Signature of Owner:

Date: 1-28-62

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

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

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

1. [Name of Appropriator] of [Address] in the State of Montana,
   in the County of [County], 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: [Irrigation Limited]

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been: [1950 - Continuous]

   4. The amount of groundwater claimed (in inches or gallons per minute): 150 - 250 gal. per minute

   5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof: [10 acres, [description] owned by [name]]

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: [Ellis Well 80 gal. per minute]

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1950 to 1963

   8. The depth of water table: 20 to 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: [Ellis Well 80 gal. per minute, depth 20 to 25 ft]

   10. The estimated amount of groundwater withdrawn each year: 45,000 gal

   11. The log of formations encountered in the drilling of each well if available: [Ellis Well, [log information]]

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

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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA, COUNTY
ROSEBUD SS- FILED DEC.
30,1963,AT M, CO.CLERK
Howard Fair
By: Bliss Clark, Dep.
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: 1911
Owner: Northern Pacific Railway Company
Address: St. Paul, Minn.
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. Spring used since 1911.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. Spring flows 3 gallons per minute, measured over a period of time.

Northern Pacific Railway Company
Signature of Owner:
District Supervisor, Graz. & Cult.
Date:

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
**Declaration of Vested Groundwater Rights**

(Dec. 9, 1963, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Northern Pacific Railway Company</th>
<th>N.P. Bldg.</th>
<th>St. Paul</th>
</tr>
</thead>
<tbody>
<tr>
<td>County of Ramsey</td>
<td>State of Minnesota</td>
<td></td>
</tr>
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</table>

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1903, as follows:

2. The beneficial use on which the claim is based: **Furnishing water for livestock.**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **Continuous since 1903.**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **6 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: **NONE.**

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: **Well, drilled in 1903.**

8. The depth of water table: **50 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: **100 feet deep - 4-inch casing.**

10. The estimated amount of groundwater withdrawn each year: **NONE.**

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: **No other information available.**

**Northern Pacific Railway Company**

Signature of Owner: **By K. C. Schuster Dist. Supervisor, Graz. & Cult.**

Date: **Dec. 9, 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)

Northern Pacific Railway Company, of N.P. Office Bldg., St. Paul, Minn.
(Name of Appropriator) (Address) (Town)

County of Ramsey
State of Minnesota

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.
   Watering livestock.

3. Date or approximate date of earliest beneficial use; and how con-
   tinuous the use has been. Continuous since 1960.

4. The amount of groundwater claimed (in miner’s inches or gallons
   per minute). 6 to 8 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.
   None.

6. The means of withdrawing such water from the ground and the
   location of each well or other means of withdrawal.
   Drilled in 1960.

8. The depth of water table. 80 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.
   282 feet deep - 6-inch casing.

10. The estimated amount of groundwater withdrawn each year.

11. The log of formations encountered in the drilling of each well if available.
    0-28’ surface soil; 28-55’ yellow clay; 55-181’ sandstone; 181-188’ gray sand-
    shale; 188-221’ coal; 221-251’ gray sandstone; 251-280’ gray shale.

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 other information available.

Northern Pacific Railway Company

Signature of Owner:
Dist. Supervisor, Graz and Cult.

Date.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau
of Mines and Geology, and Quadruplicate for the Appropriate.
<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>Northern Pacific Railroad Co</td>
<td>6W-4</td>
<td>179361</td>
<td></td>
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<tr>
<td>2</td>
<td>&quot;</td>
<td>6W-4</td>
<td>179361</td>
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<tr>
<td>3</td>
<td>&quot;</td>
<td>6W-4</td>
<td>179362</td>
<td></td>
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<tr>
<td>4</td>
<td>&quot;</td>
<td>6W-3</td>
<td>179363</td>
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<td>5</td>
<td>&quot;</td>
<td>6W-4</td>
<td>179365</td>
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<tr>
<td>6</td>
<td>Forley's Inv.</td>
<td>6W-2</td>
<td>179359</td>
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<td>7</td>
<td>Northern Pacific Railroad Co</td>
<td>6W-4</td>
<td>179351</td>
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</tr>
<tr>
<td>8</td>
<td>Snyder, James W.</td>
<td>6W-2</td>
<td>175767</td>
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<td>9</td>
<td>Snyder, James W.</td>
<td>6W-2</td>
<td>175768</td>
<td></td>
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<tr>
<td>10</td>
<td>Snyder, James</td>
<td>6W-2</td>
<td>1095</td>
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<td>Snyder, James</td>
<td>6W-2</td>
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<td>12</td>
<td>Greenleaf Coal-Mines Co</td>
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<td>174423</td>
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<td>13</td>
<td>Nor Pac Ry. Co.</td>
<td>6W-3</td>
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<td>14</td>
<td>Greenleaf Coal-Mines Co</td>
<td>6W-4</td>
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<td>15</td>
<td>Nor Pac Ry. Co.</td>
<td>6W-4</td>
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<td>16</td>
<td>Nor Pac Ry. Co.</td>
<td>6W-4</td>
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<tr>
<td>17</td>
<td>Peabody Coal Co.</td>
<td>6W-2</td>
<td>4128</td>
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<tr>
<td>18</td>
<td>&quot;</td>
<td>6W-2</td>
<td>4129</td>
<td></td>
</tr>
</tbody>
</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Northern Pacific Railway Company, of M.T. Office Bldg, St. Paul, Minn.
   (Name of Appropriator)

2. The beneficial use on which the claim is based:  FURNISHING WATER FOR LIVESTOCK.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1966 (continuous).

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 14 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: None.

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: DRILLED IN 1966.

8. The depth of water table: 75 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: 141 FOOT DEEP - 44 INCH CASING.

10. The estimated amount of groundwater withdrawn each year: 

11. The log of formations encountered in the drilling of each well if available: 0-18' Silt; 18-15' sandrock; 15-21' clay; 21-27' soft silt; 27-62' light sandrock; 62-78' brown sandrock; 78-84' shale; 84-108' coal; 108-124' sandy shale. WATER AT 14 GALS. PER MINUTE; 124-158' COAL; 158-140' SHALE.

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 other information available.

Northern Pacific Railway Company
Signature of Owner, By: 
List, Supervisor, State & Court:
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.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)


   (Name of Appropriator)

   (Address)

   (Town)

   County of Ramsey

   State of Minnesota

   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: furnishing water for livestock.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: continuous since 1958.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 82 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.

   None.

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: completed June 12, 1963.

   8. The depth of water table... 45 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... 65 feet deep - 4-inch casing - Cased 34 feet.

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

   11. The log of formations encountered in the drilling of each well if available: 1-10' sandy clay... 10-20' gravel... 30-40' sand... 40-60' shale.

   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 other information available.

   Northern Pacific Railway Company

   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)

Northern Pacific Railway Company
(Name of Appropriator)
Office Bldg., St. Paul, Minn.
(Address)
Ramsey
(Town)
Minnesota
(State)

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: furnishing water for livestock.

2. Date of earliest beneficial use; and how continuous the use has been: continuous since 1962.

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 25 gallons per minute.

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

5. The depth of water table: 10 feet.

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

7. The date of commencement and completion of the construction of the well: Drilled in 1962.

8. The estimated amount of groundwater withdrawn each year: No other information available.

9. The depth of each well: 100 feet deep, 8-inch casing.

10. 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 other information available.

Northern Pacific Railway Company
Signature of Owner
Dist. Supervisor, Graz. and Cult.

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

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... 1913...

Or... Nor. Pac. Ry. Co... Address St. Paul, Minn.

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. Spring, used since 1913.

Spring, flows 8 gallons per minute, measured
over a period of time.

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.

Northern Pacific Railway Company
Signature of Owner (By L. W. Alpren)
Dist. Supervisor, Graz. & Cult.
Date...

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

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

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

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

Filed on the 6th day of November
1942 at 2:00 o'clock PM

Howard Lake
County Clerk of Rosebud County

By Ellis Weish
Deputy
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Northern Pacific Railway Company</th>
<th>of N.P. Bldg., St. Paul, Minn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Appropriator</td>
<td>Address</td>
</tr>
<tr>
<td>County of</td>
<td>State of</td>
</tr>
<tr>
<td>Ramsey</td>
<td>Minnesota</td>
</tr>
<tr>
<td>State of Minnesota</td>
<td></td>
</tr>
</tbody>
</table>

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

1. **Center of sec.**

<table>
<thead>
<tr>
<th>N</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based: *Furnishing water for livestock.*

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: *Continuous since 1962.*

4. The amount of groundwater claimed (in miner's inches or gallons per minute): *3 to 5 gallons per minute.*

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: *None.*

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

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

8. The depth of water table: *100 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: *125 feet deep - 4-inch casing. Cased 80 feet.*

10. The estimated amount of groundwater withdrawn each year:

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: *No other information available.*

---

Northern Pacific Railway Company

Signature of Owner: [Signature]

Dist. Supervisor, Graz. & Cult.

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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
COUNTY OF ROGBUD

Filed on the 6th Day of Dec.

[Signature]

Notary Public
County Clerk of Records

by [Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. [Name of Appropiator], of [Town], County of [County], State of [State], have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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. As 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...

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

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

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

Date of Appropriation of Groundwater: 1811
Owner: Northern Pacific Railway Company
Address: St. Paul, Minn.
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 springs, used since 1811.

Springsflow 4-5 gallons per minute, measured over a period of time...

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...

Northern Pacific Railway Company
Signature of Owner: ____________________________
Dist. Supervisor, Gras. & Cult.
Date: ___________

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

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

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

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

Address: [Address]

Date of completion: [Date]

Type of well: [Type]

Equipment used: [Equipment]

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

Industrial [ ] Drainage [ ] Other [ ]

Describe: [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: [Estimated Annual Withdrawal]

**Perforations**

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

Driller's Signature: [Signature]

Driller's Address: [Address]

License No: [License No]

Top of Ground (Elev. above sea level)

<table>
<thead>
<tr>
<th>Elev. (Ft.)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>Brown Shale</td>
</tr>
<tr>
<td>1500</td>
<td>Brown Sandstone</td>
</tr>
<tr>
<td>1000</td>
<td>Gravel, Shale, Sandstone, etc.</td>
</tr>
</tbody>
</table>

Static water level: [Static Water Level]

Pumping water level: [Pumping Water Level]

Gallons per minute: [Gallons per minute]

Minutes after pumping began: [Minutes after pumping began]

Measured from ground level: [Measured from ground level]

Well developed by: [Well developed by]

for: [For]

Hours:

Power Electric: [Power Electric]

Remarks: [Remarks]

Pressurized Shutoff [ ]

300.0 Show exact depth of bottom [ ]
STATE OF MONTANA

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: 
For Administrator's Use: 
Address: Box 97

Date well started: July 30, 1973

Type of well: Drilled

Equipment used: R.T. 

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). N/A

ESTIMATED ANNUAL WITHDRAWAL: 0,000,000 gals

Top of Ground (Elev. above sea level):

<table>
<thead>
<tr>
<th>Depth</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td>Sand, Shale</td>
</tr>
<tr>
<td>1.0</td>
<td>Clays, Sand</td>
</tr>
<tr>
<td>2.0</td>
<td>Sand, Clay</td>
</tr>
<tr>
<td>3.0</td>
<td>Sand, Clay</td>
</tr>
<tr>
<td>4.0</td>
<td>Sand, Clay</td>
</tr>
<tr>
<td>5.0</td>
<td>Sand, Clay</td>
</tr>
</tbody>
</table>

Static water level: 565.0 ft.
Pumping water level: 561.0 ft.

Measured from ground level. Well developed by Air for 1 hour.


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

Driller's Signature: 
Driller's Address: Box 318

Sheridan, Wyo. LICENSE NO. 219

Show exact depth of bottom

RECEIVED

JUL 2 1973

COUNTY Recorder

DRILLER'S LOG

Show the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.
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: Pembury, G. O.
ADDRESS: Box 318

Date well started: 3-27-73
Completed: 3-27-73

Type of well: Drilled

Equipment used: Mud<br>

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). N/A

ESTIMATED ANNUAL WITHDRAWAL: 300,000 gpd

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>Depth of Well</th>
<th>Top of Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>4' diameter</td>
<td>60.0</td>
<td>70.0</td>
</tr>
</tbody>
</table>

PERFORATIONS:

- Static water level: 74.2' ft.
- Pumping water level: 84.2' ft.
- at: 54.91 gallons per minute, measured 30 minutes after pumping began.

*Measured from ground level.

Well developed by: N/A

for: N/A hours.

Power: N/A

Pump: N/A

Remarks: Gravel packing, cementing, packers, type of shutoff: N/A

Well Lot: N/A, Range: N/A, Section: N/A

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

Driller’s Signature: James F. McCullough
Driller’s Address: Box 318

Show exact depth of bottom: 600

LICENSE NO.: 219
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well developed after January 1, 1962

Date of Notice of Appropriation of Groundwater: Sept. 3, 1970

Date Well Started: Aug. 15, 1970

Date Completed: Sept. 1, 1970

Type of Well: Drilled

Equipment Used: Rotary

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casings</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 3/4 in.</td>
<td>5 x 10 ft</td>
<td>0</td>
<td>300</td>
</tr>
<tr>
<td>4 3/4 in.</td>
<td>4 x 10 ft</td>
<td>300</td>
<td>395</td>
</tr>
</tbody>
</table>

Perforations:

Static Water Level for non-flowing well: 285 feet.

Shut-In Pressure for Flowing Well: N.A.

Pumping Water Level: N.A.

Discharge in gal. per min. of flowing well: N.A.

How Tested: N.A.

Length of Test: N.A.

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

Driller's License Number: [Signature]

Driller's Signature: [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, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
### Notice of Completion of Groundwater Appropriation by Means of Well

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** James W. Snyder  
**Address:** Forsyth

**Date of Notice of appropriation of groundwater:** Sept 25, 1970

**Date well started:** Aug 1, 1970  
**Date completed:** Sept 15, 1970

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

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Net and Gross Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.5</td>
<td>380</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well** 235 feet.

**Shut-in Pressure for Flowing Well** 44 psi.

**Pumping Water Level** 235 feet.

**Discharge in gal. per min. of flowing well** N.A.

**How Tested** N.A.

**Length of Test** N.A.

**Remarks:** (Gravel packing, cementing, packers, type of shutoff) N.A.  
**Submersible** N.A.

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

---

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
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: I. Snyder
Address: F assays

Date well started: 5-24-77
Type of well: Drilled

Equipment used: (Drop, driven, bored or drilled)

Water Use: Domestic [x] Municipal [x] Stock [ ] Irrigation [x]
Industrial [ ] Drainage [ ] Other [x] Garden/Lawn [x]

*Describe

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

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

Driller's Signature: E. Woelich
Driller's Address: P.O. Box 1414

LICENSE NO. 223.
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: James Black
Address: 1706 N. 47th

Date well started: 5-19-72

Type of well: Drilled

Equipment used: Rotary

Water Use: Domestic [x] 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 Drilled Hole</th>
<th>Size and Depth of Chill</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 3/4</td>
<td>5 1/2</td>
<td>0</td>
<td>197</td>
<td>120, 197</td>
</tr>
</tbody>
</table>

Static water level: 60' ft.
Pumping water level: 180' ft.

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: M. E. Moeller
Driller's Address: 916 So. Taylor

LICENSE NO. 223

DRILLER'S LOG

Top of Ground (Elev. shrs. above land)

[Table with data entries]

COUNTY OF KALispA

50, 604
STATE OF MONTANA
COUNTY OF HILTON

Held on the 12th day of

fourth, in the four thousand

William Judd

Attorney General