



81929

T. 16 R. 45

County: Prairie

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
M&P 20 1961

WATER WELL LOG

STATE ENGINEER


Owner: Mr A. G. Hedstrom Address: Terry Montana

Driller: Johnson Water Well Service Address: Terry Montana

Date Started: Sept 1 1958 Date Completed: Sept 4 1958

Location: Sec. 3 T. 16 R. 45 1/4 sec.

Type of well: Drilled Equipment used: Cable tools  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic  Municipal  Stock  Irrigation

Industrial  Drainage  Other: \_\_\_\_\_

Casing: 0 ft. to 99 ft. Type: Steel pipe Size: 4"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type: \_\_\_\_\_ Size: \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type: \_\_\_\_\_ Size: \_\_\_\_\_

Perforated or Screened: Ft. 75 to ft. 99 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations: Holes

Static Water level, for non-flowing well: 32 feet.

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

Pumping water level: 34 feet at 15 gal. per min.

How tested: Bailor

Length of test: 1 hour

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

(over)



31944

T. \_\_\_\_\_ R. \_\_\_\_\_  
County Frairie

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
MAR 20 1961

WATER WELL LOG

STATE ENGINEER


Owner A.C. Hedstrom Address Terry, Mont

Driller Henry Z. Johnson Address Terry, Mont

Date Started June 12, 1960 Date Completed June 18, 1960

Location: Sec. 6 T. 16 R. 45 1/4 sec. SW

Type of well: Drilled Equipment used: Rotary  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other: \_\_\_\_\_

Casing: 0 ft. to 29 ft. Type 20 lb. PVC Size 7" OD

Casing: 34 ft. to 165 ft. Type SM Size 4" ID

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 147 to ft. 149 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations Holes

Static Water level, for non-flowing well: 140 feet.

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

Pumping water level 145 feet at 10 gal. per min.

How tested: Baller

Length of test 1 hr.

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

(over)



STATE WATER CONSERVATION BOARD

File No. **D E C E I V E**  
**D U P L I C A T E** SEP 17 1965 **D**

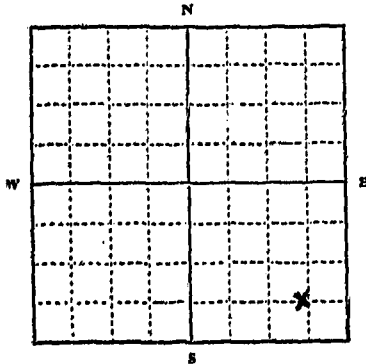
T. 16<sup>N</sup> R. 45<sup>E</sup>  
County: Prairie

STATE OF MONTANA  
REFERRED TO: ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Erwin Hockle, of Brookway  
(Name of Appropriator) (Address) (Town)  
County of Prairie State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 13, T. 16, R. 45

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: Stock Watering
3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1942 - use continuous
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 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 with windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced and completed 1942
8. The depth of water table: 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: Drilled well - casing - 165 ft deep
10. The estimated amount of groundwater withdrawn each year: 648,000 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: Erwin Hockle  
Date: Sept. 16 - 1965

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

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

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

87292

<b>FILED</b>	
at	2:20 o'clock P.M.
SEP 16 1865	
<i>Wm. Houston</i> County Clerk	
Fee	2.00 Deputy

RECEIVED  
SEP 16 1865  
F C A T

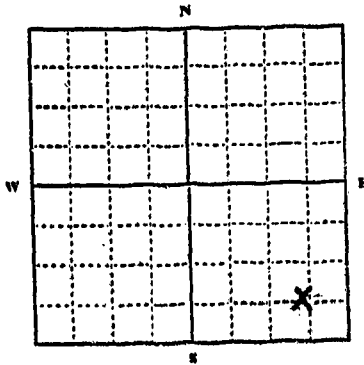
T. 16 N. R. 45  
 County Praine

REFERRED TO \_\_\_\_\_  
**STATE OF MONTANA**  
**ADMINISTRATOR OF GROUNDWATER CODE**  
**OFFICE OF STATE ENGINEER**

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. Erwin Laible of Brookway  
 (Name of Appropriator) (Address) (Town)  
 County of Praine State of Montana  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 14, T. 16, R. 45

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 Stock Watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1960 - use continuous

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 648 ft. deep well on section 14, T. 16, R. 45

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced 1960. Completed 1960.

8. The depth of water table 60 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 - 4" and 6" casing - 113 ft. deep

10. The estimated amount of groundwater withdrawn each year 648,000 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 Erwin Laible

Date Sept. 16 - 1965

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

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

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



87293

<b>FILED</b>
at 2:20 o'clock P. M.
SEP 16 1965
<i>Edna J. Smith</i> County Clerk
Deputy
Fee 2.00

SEP 16 1965  
CLERK OF SUPERIOR COURT  
COUNTY OF ...

File No. STATE WATER CONSERVATION BOARD  
RECEIVE  
DUPLICATE SEP 17 1965

T. 16<sup>N</sup> R. 45  
County Prairie

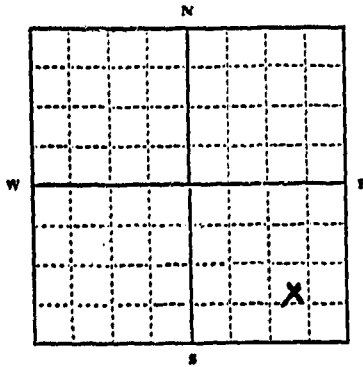
STATE OF MONTANA

REFERRED TO ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Erwin Jackle, of Brockway  
(Name of Appropriator) (Address) (Town)  
County of Prairie State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 14 T. 16 R. 45

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 Stock Raising
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945 Use Continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal/minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump - Windmill
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced and completed 1945
- 8. The depth of water table 80 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 - iron casing - 135 ft deep
- 10. The estimated amount of groundwater withdrawn each year 325,000 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 Erwin Jackle  
Date Sept 16-1965

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

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

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

87295

**FILED**  
at 2:20 o'clock P.M.  
SEP 18 1965  
*Edna J. Hunter*  
County Clerk  
Deputy  
Fee 2.00 *H.*

RECEIVED BY  
SEP 18 1965  
CLERK OF SUPERIOR COURT  
S E C I A R Y

STATE OF MONTANA  
File No. **RECEIVE**  
DUPLICATE SEP 17 1965

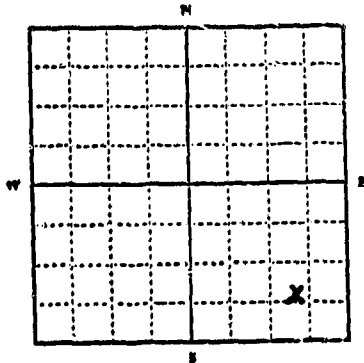
T. 14<sup>N</sup> R. 45<sup>E</sup>  
County Prairie

STATE OF MONTANA  
REFERRED TO: ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Erwin Gackel of Brockway  
(Name of Appropriator) (Address) (Town)  
County of Prairie State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec 14 T16 R45

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

- The beneficial use on which the claim is based. House use
- Date or approximate date of earliest beneficial use; and how continuous the use has been. 1962 - use continuous
- The amount of groundwater claimed (in miner's inches or gallons per minute). 15 gal. minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Jet Pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Commenced and completed 1962
- The depth of water table. 110 ft.
- 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 - 4 in casing - 315 ft deep
- The estimated amount of groundwater withdrawn each year. 54,000 gallons
- The log of formations encountered in the drilling of each well if available. Not available
- 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 Erwin Gackel  
Date Sept. 16 - 1965

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

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

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

87294

**FILED**  
 at 2:00 o'clock P.M.  
 SEP 16 1965  
*[Signature]*  
 County Clerk  
 Deputy  
 Fee 2.00 Pd

RECEIVED  
 SEP 11 1965  
 SECRETARY

*[Faint, mostly illegible text, possibly a letter or document body]*

19

File No. ....

T. 16N R. 45E

DUPLICATE

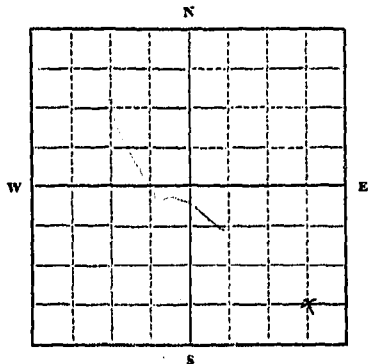
County Prairie

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 16 1963

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

1. Northern Pacific Railway Company, of N.P. Bldg. St. Paul  
(Name of Appropriator) (Address) (Town)  
County of Ramsay State of Minnesota  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 19, T. 16N R. 45E

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 1949.
- 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 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 30 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 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.....

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.

9383

85295

CIVIL SERVICE  
OFFICE  
MEMPHIS  
TENNESSEE

**FILED**  
at 9:00 o'clock A.M.  
DEC 12 1963  
*W. H. Hunter*  
County Clerk  
Deputy  
Fee \$7.00

GW 2

File No. ....

DUPLICATE

RECEIVED

STATE ENGINEER

T. 16<sup>N</sup> R. 45<sup>E</sup>

County. Prairie

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner David Schlenker Address Brockway, Montana

Driller Ira C. Bond Address Terry, Montana

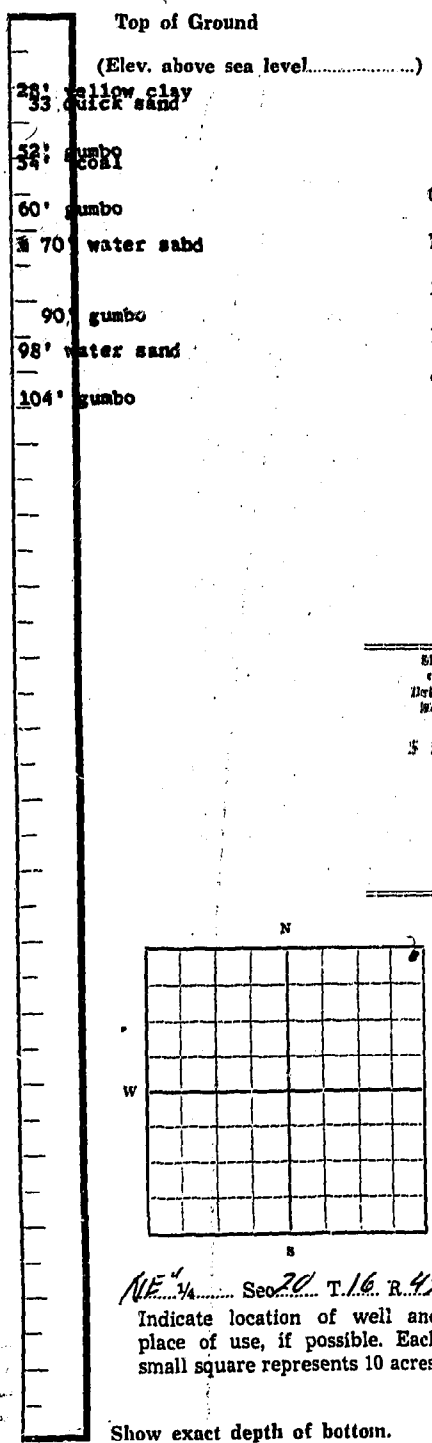
Date of Notice of Appropriation of Groundwater .....

Date well started May 19, 1962 Date Completed May 21, 1962

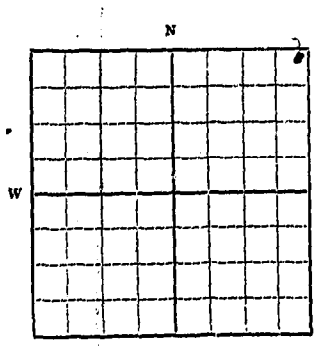
Type of well Drilled Equipment Used Cable  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, 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.



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
3 3/8 inches	4 1/2" od	surface	104'	3/8" Burned holes	60' 90'	70' 98'



Static Water Level for non-flowing Well 64' feet.

Shot-H Pressure for Flowing Well .....

Pumping Water Level 10 feet at 10 gal. per minute.

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

How Tested bailed 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) .....

quick sand from 28' to 33' cased off with 7" casing.

37  
Driller's License Number

Ira C. Bond  
Driller's Signature

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

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

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



883095

Water Well Log.  
David Schlinker  
to  
The Public

*Handwritten signature*

**FILED**  
at 10 11 o'clock A.M.  
MAY 28 1962  
R.H. [Signature]  
County Clerk  
Fee 25 [Signature]

STATE OF MISSISSIPPI  
DEPARTMENT OF REVENUE  
OFFICE OF THE COMMISSIONER  
MEMPHIS, TENNESSEE

RECEIVED  
MAY 28 1962  
OFFICE OF THE COMMISSIONER  
MEMPHIS, TENNESSEE

File No. \_\_\_\_\_

T. 16 N R 45

DUPLICATE

County Beauregard

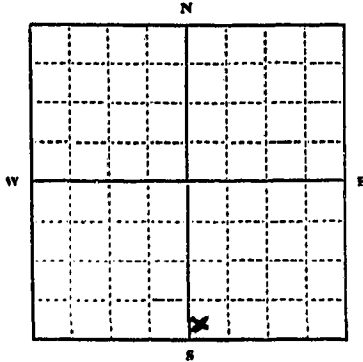
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. David Schlicher of Beauregard (Name of Appropriator) (Address) (Town)  
County of Beauregard State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 32 T. 16 R. 45

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 Stockwater

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 miner's inches or gallons per minute) 3 gals.

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 Hand mill

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

8. The depth of water table 200 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 inch casing - 400 ft.

10. The estimated amount of groundwater withdrawn each year 1,576,800 gals.

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 David Schlicher

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.

24904

85563

<b>FILED</b>	
at <u>2:30</u> o'clock	<u>P</u> M.
DEC 31 1963	
<u>E. H. Johnston</u> County Clerk	
Fee <u>2.00</u>	Deputy

26

File No. ....

T. 16 N. R. 45 E.

DUPLICATE

County. Prairie

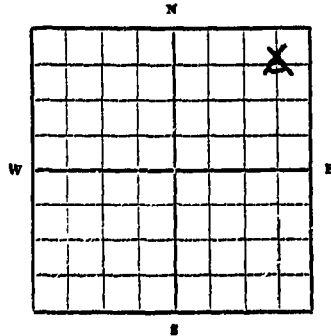
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

RECEIVED  
FEB 18 1963

STATE ENGINEER

1. Bureau of Land Management of Box 960, Miles City  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 26, T16N R. 45E

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 Livestock water

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gal/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 Windmill - SW 1/4 of Sec. 26

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

8. The depth of water table Unknown

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 well

10. The estimated amount of groundwater withdrawn each year 1,500,000 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

District Engineer [Signature]

Date 1-22-63

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.

84311

**FILED**  
at 4:10 o'clock P.M.  
FEB 15 1963  
*Allen J. Hunter*  
County Clerk  
Fee 2.00 Deputy

File No. \_\_\_\_\_

T. 16 R. 45 E

DUPLICATE

County Beauregard

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

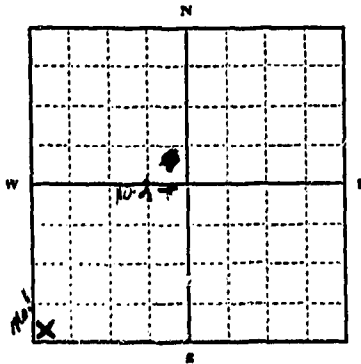
RECEIVED  
JAN 6 1964  
STATE ENGINEER

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

1. David Schlicher of Beauregard  
(Name of Appropriator) (Address) (Town)

County of Beauregard State of Montana

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



1/4 Sec 30 T. 16 R. 45

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. Stock raising - No. 1

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1945 - Continuous No. 1  
1946 - Continuous No. 2

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gpm - No. 1  
77 gpm - No. 2

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. Handpump - No. 1  
No. 2 - windmill pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1945 - No. 1 - 1946

8. The depth of water table. 70 ft. - No. 1 No. 2 - 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. Drilled, 5 in. casing - 120 ft. - No. 1  
No. 2 - Drilled well, 5 in. casing, 40 ft.

10. The estimated amount of groundwater withdrawn each year. 36,945,000 gals - No. 2  
525,600 gals - No. 1

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 David Schlicher

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.

85562

<b>FILED</b>	
at <u>2:30</u> o'clock <u>P.</u> M.	
DEC 31 1963	
<i>[Signature]</i> County Clerk	
Fee <u>200</u>	Deputy

34

File No. \_\_\_\_\_

T. 16 N. R. 43 E.

DUPLICATE

County Prine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

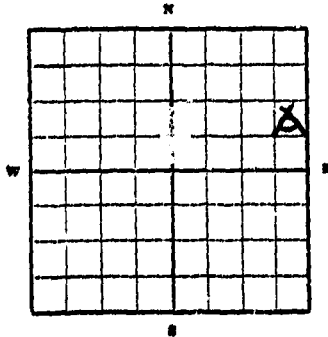
RECEIVED  
FEB 18 1963

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

STATE ENGINEER

1. Bureau of Land Management, of Box 960, Miles City  
(Name of Appropriator) (Address) (Town)

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



SE 1/4 NE Sec 34 T 16N R 43E

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 Livestock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1934 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gal/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 Windmill - SE 1/4 of Sec. 34

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 22 1956

8. The depth of water table 150'

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 well - 150' deep, 30' cover & 2' head

10. The estimated amount of groundwater withdrawn each year 1,500,000 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

District Manager Arthur A. [Signature]  
Date 2-2-63

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.



84312

I hereby certify that the within and foregoing is a true and correct copy of the original as the same appears on the records of the County of ... State of ...  
 This is true to the best of my knowledge and belief.  
 My commission expires on the ... day of ... 1963.  
 Witness my hand and the seal of the County of ... State of ... this ... day of ... 1963.  
 County Clerk  
 Deputy

**FILED**  
 at 4:10 o'clock P. M.  
 FEB 15 1963  
 County Clerk  
 Deputy

RECEIVED

19865

RECEIVED  
OCT 9 1959

T. 16 R. 45

County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY  
STATE ENGINEER Butte, Montana

WATER WELL LOG

		0

Owner David Schlinker Address Watkins, Montana

Driller Ira C. Bond Address Terry, Montana

Started April 10, 1958 Date Completed April 12, 1958

Location: Sec. 34 T. 16 R. 45 1/4 sec. SE1/4

Drilled

Cable

Type of well Equipment used  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic  Municipal  Stock  Irrigation

Industrial  Drainage  Other:

Casing: surface ft. to 47 ft. Type steel Size 6"

Casing: 48' ft. to 144 ft. Type steel Size 4"

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 107 to ft. 144 Ft. to ft.

Type of screen or perforations burned holes 5/16"

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

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

Pumping water level feet at 25 gal. per min.

How tested: bailed

Length of test: 2 hours

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

(over)



T 16 45  
Prairie  
County

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner David Schlinker Address Watkins, Montana  
Driller Ira C. Bond Address Terry, Montana  
Date Started April 12, 1957 Date Completed April 13, 1957  
Location: Sec 34 T. 16 R. 45 1/4 sec. SE 1/4/SE 1/4

Type of well drilled Equipment used cable tool  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other:

Casing: surface ft. to 48 ft. Type steel Size 7"

Casing: surface ft. to 144 ft. Type steel Size 4"

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 109 to ft. 122 Ft. to ft.

Type of screen or perforations 3/8" holes by torch

Static Water level, for non-flowing well: 100 feet feet.

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

Pumping water level: 115 feet at 25 gal. per min.

How tested: bailer

Length of test: one hour

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

(over)





T. 16 R. 47

County: Prairie

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1962

WATER WELL LOG

STATE ENGINEER

X		

Owner: J. Reynolds Address: Terry, Montana

Driller: Ira J. Bond Address: Terry, Montana

Date Started: May 11, 1961 Date Completed: May 15, 1961

Location: Sec. 1 T. 16 R. 47 1/4 sec. SW<sup>A</sup> of the NW<sup>A</sup>

Type of well: drilled (Dug, driven, bored, or drilled) Equipment used: Cable tool (Churn drill, rotary, other)

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other: \_\_\_\_\_

Casing: 0 ft. to 155 ft. Type: Steel Size: 1 1/2 in.

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type: \_\_\_\_\_ Size: \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type: \_\_\_\_\_ Size: \_\_\_\_\_

Perforated or Screened: Ft. 108 to ft. 132 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations: 5/16 in. holes cut three in. apart with cores

Static Water level, for non-flowing well: 100 to 123 feet

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

Pumping water level: 130 feet at \_\_\_\_\_ gal. per min.

How tested: with bailer

Length of test: for one hour

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

(over)





GW

File No. ....

T. 16<sup>N</sup> R. 47

DUPLICATE

County Prairie

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 27 1963

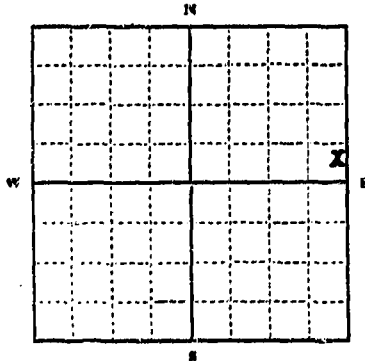
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Pat Reynolds, of Terry  
(Name of Appropriator) (Address) (Town)

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



NE 1/4 Sec. 2, T. 16 R. 47

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.....  
Stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
1957-present (continuous)

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 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.....  
Windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
May 15, 1957

8. The depth of water table.....  
150 feet

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

10. The estimated amount of groundwater withdrawn each year.....  
2,692,800 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.....

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.

13673

85447

CIVIL PROCEDURE

<b>FILED</b>	
at 8:15	o'clock A.M.
DEC 27 1963	
<i>Alvin J. ...</i> County Clerk	
Fee 2 <sup>00</sup> -14	Deputy

File No. \_\_\_\_\_

T. 16 R. 47 E.

DUPLICATE

County Pine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

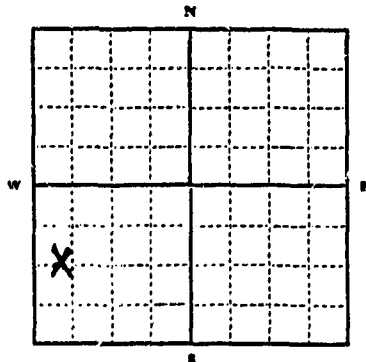
RECEIVED  
DEC 30 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Phillip Murphy, of Brookway  
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 3 T. 16 R. 47

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: Stock watering

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 miners' inches or gallons per minute): 15 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: Commenced & completed about 1950

8. The depth of water table: 65 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 - 4 in casing - 9.5 feet

10. The estimated amount of groundwater withdrawn each year: 264,000 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: none

Signature of Owner: Phillip Murphy

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.

85498

CIVIL SERVICE

<b>FILED</b>	
at <u>11:00</u> o'clock <u>A.M.</u>	
DEC 30 1963	
<i>[Signature]</i> County Clerk	
Fee <u>2.00</u>	Deputy

or

File No. \_\_\_\_\_

T. 16<sup>N</sup> R. 47<sup>E</sup>

DUPLICATE

County Prairie

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

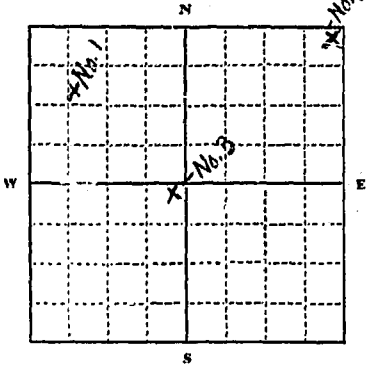
RECEIVED  
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Philip Murphy, of Brookway  
(Name of Appropriator) (Address) (Town)  
County of Prairie State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/2 Sec. 4 T. 16. R. 47

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

No. 1 - stock watering  
No. 2 - " "  
No. 3 - Household + stock watering

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

No. 1 - 1955 - continuous  
No. 2 - 1940 - continuous  
No. 3 - 1938 - continuous

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

No. 1 - 10 gallons minute  
No. 2 - 15 gallons minute  
No. 3 - 20 " "

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

No. 1 - Pumps  
No. 2 - " "  
No. 3 - " "

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

No. 1 - Commenced & completed about 1955  
No. 2 - " " " " 1940  
No. 3 - " " " " 1938

8. The depth of water table

No. 1 - 60 feet - No. 2 - 27 feet - No. 3 - 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

No. 1 - Drilled - 4 inch casing - 75 feet  
No. 2 - " " " " - 95 feet  
No. 3 - " " " " - 75 feet

10. The estimated amount of groundwater withdrawn each year

No. 1 - 1,076,000 gallons  
No. 2 - 1,075,000 " "  
No. 3 - 225,000 " "

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

No. 1 - Not available  
No. 2 - " " " "  
No. 3 - " " " "

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 Murphy  
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.

85497

CIVIL SERVICE

**FILED**  
at 11:00 o'clock A.M.  
Edna J. Austin  
County Clerk  
Deputy  
Fee 2.00 Pd.

10

File No. ....

T. 16 R. 47

DUPLICATE

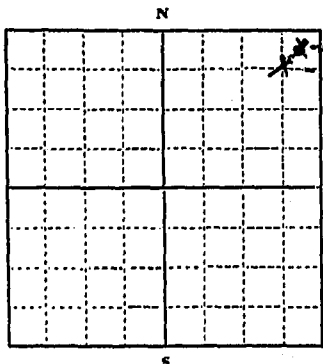
County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

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

Frank H. Zeland of Beckway  
(Name of Appropriator) (Address) (Town)  
County of Beaver State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



7/6 1/4 Sec. 10 T. 16 R. 47  
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.....  
Stockwater
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
No. 1 - 1930 - Continuous  
No. 2 - 1950 - Continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
1 gpm No. 1  
3 gpm No. 2
- 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 Irrigation
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
Pump No. 1  
No. 2 - Pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
No. 1 - Commenced & Completed 1930  
No. 2 - Commenced & Completed 1950
- 8. The depth of water table.....  
No. 1 - 60 feet - No. 2 - 12 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.....  
No. 1 - Drilled - 6 in. casing - 90 feet  
No. 2 - Hand dug - 3 ft casing - 14 feet
- 10. The estimated amount of groundwater withdrawn each year.....  
No. 1 - 18,250 gallons  
No. 2 - 18,250 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.....  
None

Signature of Owner Frank H. Zeland  
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.

85482

CIVIL RIGHTS

DEPT. OF JUSTICE

<b>FILED</b>	
at <u>4:00</u> o'clock <u>P.</u> M.	
<u>Edith J. Huie</u> County Clerk	
Fee <u>7<sup>00</sup> 14.</u>	Deputy



File No. ....

T. 16 N. R. 47 E. 211

DUPLICATE

County Prairie

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

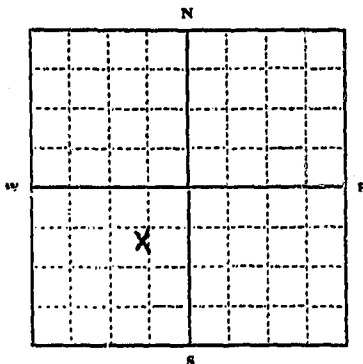
Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Frank H. Meland, of Brockway  
(Name of Appropriator) (Address) (Town)

County of Prairie State of Montana

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



S.W. 1/4 Sec. 11 T. 16 R. 47

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

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

Stock watering

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

1955 - continuous

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

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.

No Irrigation

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.

Commenced & Completed 1955

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 inch casing - 50 feet

10. The estimated amount of groundwater withdrawn each year.

3,628,000 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.

None

Signature of Owner

Frank H. Meland

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.

15610

85483

CIVIL RIGHTS  
DEPT. OF JUSTICE  
WASHINGTON, D.C.

<b>FILED</b>	
at <u>4:50</u> o'clock <u>P.</u> M.	
<u>Wm. H. Hunt</u> County Clerk	
Fee <u>202 Pd.</u>	Deputy

File No. ....

T. 16<sup>N</sup> R. 47<sup>E</sup>

DUPLICATE

County Prairie

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

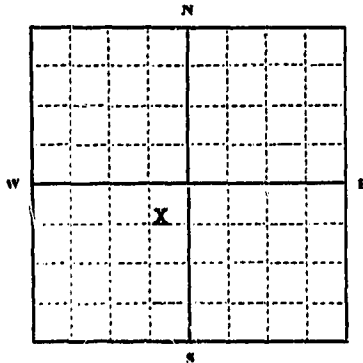
RECEIVED  
DEC 27 1968  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Pat Reynolds, of Terry,  
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 13 T. 16 R. 47

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  
Stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
1957--present

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
May 25, 1957

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  
6 inch casing

10. The estimated amount of groundwater withdrawn each year  
2,700,000 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 .....

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.

85445

RECEIVED  
CLERK OF SUPERIOR COURT  
COUNTY OF ALTA  
MONTANA

<b>FILED</b>	
at <u>8:15</u> o'clock	M.
DEC 27 1952	
<i>John Plummer</i> County Clerk	
For <u>J. W. Ad.</u>	Deputy

'79345  
**RECEIVED**  
 MAY 7 1959  
 STATE ENGINEER

T. 16 R. 47  
 County PRairie

MONTANA BUREAU OF MINES AND GEOLOGY  
 Butte, Montana

WATER WELL LOG


Owner Mike Hawk Address Terry, Montana  
 Driller Ira C. Bond Address Terry, Montana  
 Date Started Dec. 20, 1958 Date Completed Dec. 21, 1958  
 Location: Sec. 15 T. 16 R. 47 1/4 sec. SW of the NW

Type of well Drilled Equipment used Cable tool  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic  Municipal  Stock  Irrigation   
 Industrial  Drainage  Other: \_\_\_\_\_

Casing: 0 ft. to 52 ft. Type Steel Size 4 inch

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 20 to ft. 38 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations 5/16 holes out 3 in. apart with cutting torch

Static Water level, for non-flowing well: At 20 feet.

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

Pumping water level At 48 feet at 6 gal. per min.

How tested: Boiled

Length of test One hour

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

(over)



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.

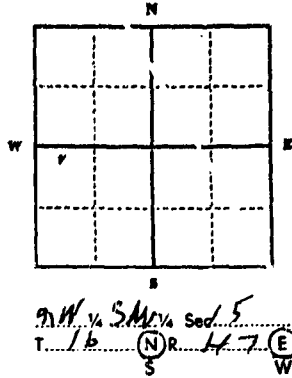
Owner Jarl Willardson  
Address Terry, Montana  
Date well started 9/8/72  
completed 9/9/72  
Type of well drilled  
Equipment used cable tool  
Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \* Garden/Lawn

For Administrator's Use  
File 94081  
Apr. 26, 1972 - 11:00 AM  
GW 1

\*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

Diameter of Drilled Hole	Diameter and Material of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind and Size	From (Feet)	To (Feet)
7 1/2	4" plastic	0	112	3/16	102	112



Static water level 30 ft.  
Pumping water level 90 ft.  
at 3 1/2 gallons per minute,  
measured 5 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by bailer  
for 3 hours.  
Power 210 Pump 1 1/3 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)  
Gravel packed  
R.J.D.

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

Driller's Signature Robert E. Bond  
Driller's Address Terry, Montana

DRILLER'S LOG  
Indicate 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.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	1	top soil
1	10	heavy clay
10	25	yellow clay
25	72	gravel
72	77	red
77	88	gravel
88	98	red
98	102	gravel
102	112	white sand 20 gpm

54081

Water Hall Log  
Burl Stillerstein  
to  
The Public

**FILED**  
at 11:05 o'clock P.M.  
SEP 26 1972  
John D. Stillerstein  
Deputy

RECEIVED  
SEP 26 1972  
FBI - NEW YORK

SEP 26 1972  
FBI - NEW YORK  
SEP 26 1972  
FBI - NEW YORK  
SEP 26 1972  
FBI - NEW YORK



File No. ....

RECEIVED

105 R 47

DUPLICATE

OCT 26 1967

County Fairfax

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

- 1 top soil
- 20 yellow clay
- 1 hard sandstone
- 10 quicksand little water
- 4 gumbo
- 18 watersand 16 gpm
- 2 coal
- 8 gumbo

Owner William Allen Address Brookway, Montana

Driller Ira C. Bond & Sons Address Terry, Montana

Date of Notice of Appropriation of Groundwater.....

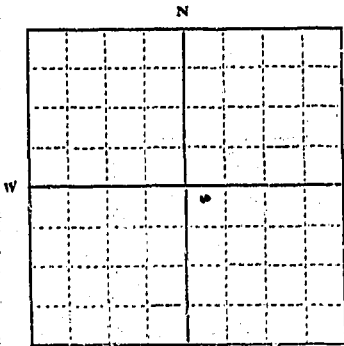
Date well started 9/26/67 Date Completed 9/31/67

Type of well drilled Equipment Used cable tool  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	7od	0	32	none		
5 5/8"	4 1/2" od	28	64	3/16	36	56



N.W. 1/4 Sec. 16 T. 14. R. 47  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

64 Show exact depth of bottom.

Static Water Level for non-flowing Well 34 feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 54 feet at 5 gal. per minute.

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

How Tested bailed Length of Test 2 hrs.

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

cased off quicksand with 7od casing

37 Driller's License Number

Robert Bond  
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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

42,441

Faint, illegible text from the top half of the document, possibly a header or introductory paragraph.

RECEIVED  
OCT 25 1967  
CLERK

Faint, illegible text from the middle section of the document.

89248

**FILED**  
at 4:43 o'clock P.M.  
OCT 25 1967  
*John J. [Signature]*  
County Clerk  
*J. J. [Signature]*  
Deputy  
Fee 4.00

File No. 90625

T 16 R 47

DUPLICATE

County Prairie

MONTANA WATER RESOURCES BOARD

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground  
(Elev. above sea level.....)

NOV 18 1968

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

(Under Chapter 237, Montana Session Laws, 1961)

5  
15  
11  
21  
46  
2  
48  
16

scoria rocks  
soft sandstone  
gumbo  
soft sandstone  
gumbo  
water sand  
gumbo  
water sand 8 gpm

Owner Lyle Grist Address Brookway, Montana

Driller Ira C. Bond & Sons Address Terry, Montana

Date of Notice of Appropriation of Groundwater.....

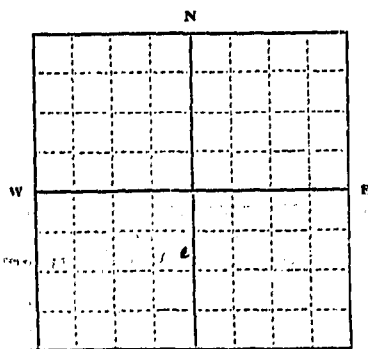
Date well started 11/6/68 Date Completed 11/9/68

Type of well drilled Equipment Used cable tool  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/4	4 1/2 OD	0	164	3/16	146	164



<sup>4</sup> NE 1/4 <sup>5</sup> Sec. 19, T. 15, R. 47

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

164

Show exact depth of bottom.

Static Water Level for non-flowing Well 130 feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 144 feet at 4 gal. per minute.

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

How Tested bailed Length of Test 2 hrs.

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

gravel packed

31  
Driller's License Number

Ira C. Bond  
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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

44, 772

MEMORANDUM FOR THE RECORD

DATE: 11/15/68

TO: SAC, NEW YORK

FROM: SA [Name], NEW YORK

SUBJECT: [Subject]

[Faded typed text follows]

[Faded typed text]

[Faded typed text]

[Faded typed text]

[Faded typed text]

[Faded typed text]

[Faded typed text]

**FILED**  
at 11:30 o'clock A.M.  
NOV 15 1968  
*[Signature]*  
Sgt. [Name] Deputy

79902

T. 16 R. 47

County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
OCT 15 1959

WATER WELL LOG

STATE ENGINEER


Owner William H. Allen Address Brockway, Montana

Driller IRA C. Bond Address Terzy, Montana

Date Started June 1958 Date Completed June 1958

Location: Sec. 20 T. 16 R. 47 1/4 sec. NW 1 NW 1

Type of well Drilled Equipment used Cable  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other: \_\_\_\_\_

Casing: Surface ft. to 160 ft. Type Steel Size 4"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 130 to ft. 156 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations burned holes

Static Water level, for non-flowing well: Raises to 30 Ft from the top feet.

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

Pumping water level \_\_\_\_\_ feet at 25 gal. per min. \_\_\_\_\_

How tested: Bailed for two hours

Length of test \_\_\_\_\_

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

(over)



T. 16 R. 47

County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1962

WATER WELL LOG

STATE ENGINEER

	X	

Owner: Mike Hawk Address: Terry, Montana

Driller: Ira S. Bond Address: Terry, Montana

Date Started: Dec. 11, 1961 Date Completed: Dec. 13, 1961

Location: Sec. 21 T. 16 R. 47 1/4 sec. NW 4 of the SE 4

Type of well: Drilled (Dug, driven, bored, or drilled) Equipment used: Cable Tool (Cable drill, rotary, other)

Water use: Domestic  Municipal  Stock  Irrigation

Industrial  Drainage  Other: \_\_\_\_\_

Casing: 0 ft. to 20 ft. Type: Steel Size: 6 inch

Casing: 16 ft. to 45 ft. Type: Steel Size: 4 in.

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type: \_\_\_\_\_ Size: \_\_\_\_\_

Perforated or Screened: Ft. 30 to ft. 40 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations: 5/16 in. holes out three in. apart with torch

Static Water level, for non-flowing well: 8 feet down to 36 feet

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

Pumping water level: 40 feet at 6 gal. per min.

How tested: with bailer

Length of test: for one hour

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(over)

**Log of Well**

Depth, feet		Description of Material Drilled
From	To	
0	12	Yellow Clay
12	13	Gravel
13	17	quicksand
17	30	Gumbo
30	40	Water sand
40	45	Gumbo

**FILED**

at */ /* **DEC 29 1961**  
 Office of the County Clerk  
 Dover, Delaware



File No. ....

T. 26<sup>N</sup> R. 47  
County Beaver

DUPLICATE

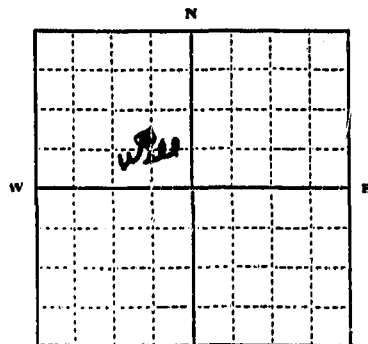
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Gene C. Ueland of Hot Springs Mont. Hot Springs  
(Name of Appropriator) (Address) (Town)  
County of Beaver State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW 1/4 Sec 24 T. 16. R. 47

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 Stock Well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been drilled the year of 1947 used off and on for watering livestock

4. The amount of groundwater claimed (in miner's inches or gallons per minute) at least 50 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 None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced & Completed the spring 1947

8. The depth of water table 100 50 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 The well has 5" casing, and is approximately 100 ft. deep.

10. The estimated amount of groundwater withdrawn each year No idea

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 Gene C. Ueland

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.

85611

<b>FILED</b>	
at <u>5:00</u> o'clock <u>P.</u> M.	
<u>W. H. Hunter</u> DEO 31 1963 County Clerk	
Fee <u>2.00</u>	Deputy

27

File No.....

T. 16N R. 47E

DUPLICATE

County Prairie

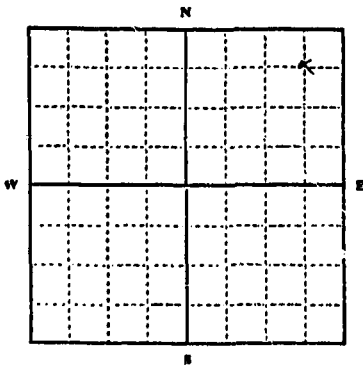
STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

RECEIVED  
 DEC 16 1968

Declaration of Vested Groundwater Rights  
 (Under Chapter 27, Montana Session Laws, 1961) STATE ENGINEER

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

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



NE 1/4 Sec. 27 T. 16N R. 47E

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 1960.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 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 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 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 52 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 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 [Signature]  
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.

9386

85298

STATE OF MICHIGAN

<b>FILED</b>	
at 9:00 o'clock A.M.	
DEC 12 1963	
<i>William J. ...</i> County Clerk	
Fee <i>2.00</i>	Deputy <i>id</i>