

File No. ....

Rock Well

T. 7 R. 40

DUPLICATE

County Big Horn

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

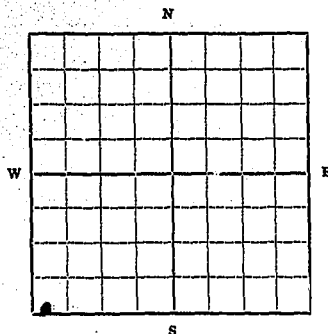
**Declaration of Vested Groundwater Rights**  
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 16 1963

STATE ENGINEER

1. Tom Adair of Decker  
(Name of Appropriator) (Address) (Town)

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



SW  $\frac{1}{4}$  SW Sec. 30 T. 7 R. 40.  
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 1936 .....  
continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 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 and pumpjack and gasoline motor

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

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 .....  
4 inch casing, 80 feet deep

10. The estimated amount of groundwater withdrawn each year 2,500,000 gallons .....

11. The log of formations encountered in the drilling of each well if available 70 feet red scorial, 10 feet hard burnt cinder rock. .....

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 Tom Adair

Date Dec 12 1963

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

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

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

9058

206068

STATE OF MONTANA } ss.  
County of Big Horn

The within instrument was filed  
in my office at Hardin, Montana, this  
**DEC 13 1963** day of

\_\_\_\_\_ A. D. 19\_\_\_\_  
at 1:25 o'clock P. M.

Harvey E. Cash  
County Recorder  
By Bruce W. Smith Deputy

File No.

Dahl Well

T. 7. R. 40

County Big Horn

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

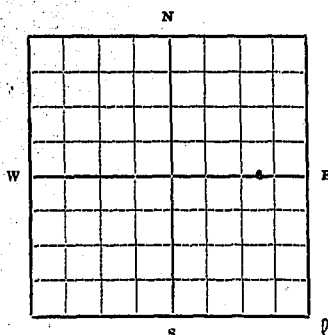
Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 16 1963

STATE ENGINEER

1. Tom Adsit (Name of Appropriator), of (Address) Decker (Town)

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



SE 1/4 Sec 30 T7 R40

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 1936 seasonally

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

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

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

8. The depth of water table 112

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 4 inch casing, 126 feet deep

10. The estimated amount of groundwater withdrawn each year unknown

11. The log of formations encountered in the drilling of each well if available 30 feet of sandstone clay, 45 feet of blue shale, 6 feet of hard rock, 50 feet of coal, Water raises to within 90 feet of the surface.

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 Tom Adsit

Date Dec 12-1963

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

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

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

206066

STATE OF MONTANA } ss:  
County of Big Horn }  
The within instrument was filed  
in my office at Hardin, Montana, this  
DEC 13 1963 day of

\_\_\_\_\_ A. D. 19\_\_\_\_  
at 1:15 o'clock P. M.

*Harry E. Cape*  
County Recorder

By *Deputy* Deputy

## GROUNDWATER INDEX

Page 1 of 1

County Big Horn Twp. 85 Rge. 328

[illegible]

File No. ....

T. 8S R. 32 E. 24

DUPLICATE

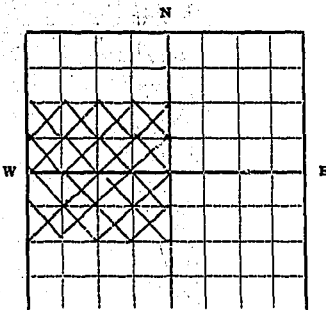
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

County Big Horn

R  
JAN 8 1964

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

1. W. T. Shaw Jr., of Lodge Grass,  
(Name of Appropriator) (Address) (Town)  
County of Big Horn State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S. 1/4, N. 1/4, Sec. 34,  
T. 8S., R. 32 E.  
1/4 Sec. T. R.

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 1956
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 gallons per day
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal natural flow
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1956
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
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
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 W.T. Shaw

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 School of Mines and Quadruplicate for the Appropriator.

26973

206687

STATE OF MONTANA }  
County of Big Horn } ss.

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

DEC 31 1963 day of

\_\_\_\_\_ A. D. 19\_\_\_\_

at 4:01 o'clock P.M.

Harry E. Carl  
County Recorder

By Ruby Wemple Deputy

# GROUNDWATER INDEX

Page 1 of 1

County Big Horn Twp. 85 Rge. 33E

[illegible]



File No. ....

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

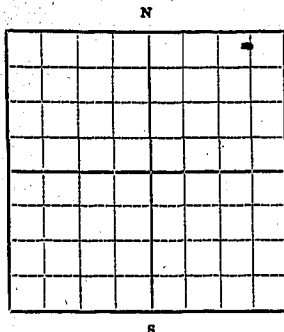
County

RECEIVED  
JAN 8 1964

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

STATE ENGINEER

*Emery & Virgie Pease Estate* of *Lodge Grass*  
(Name of Appropriator) (Address)  
County of *Big Horn* State of *Montana* (Town)  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1964, as follows:



NE 1/4 NE Sec. 8 T. 83 N. R. 33 E

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 *1961*

4. The amount of groundwater claimed (in miner's inches or gallons per minute) *continuous flow*  
*Enough to irrigate 200 acres*

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

6. The means of withdrawing such water from the ground and the location *continuous flow*

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

8. The depth of water table *46 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 *6 in. casing*

10. The estimated amount of groundwater withdrawn each year *for six months*  
*not available*

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

*Emery & Virgie Pease*  
*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 School of Mines and Quaduplicate for the Appropriator.

26925

206639

STATE OF MONTANA } ss.  
County of Big Horn

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

31 day of

Dec A.D. 1963

at 3:12 o'clock P.M.

Henry E. Cox  
County Recorder

By [Signature] Deputy

206639 R 24 31

Official Record of the County of Big Horn, Montana  
This is to certify that the within instrument was filed in my office at Hardin, Montana, on the 31st day of December, A.D. 1963, at 3:12 o'clock P.M., and that the same is a true and correct copy of the original as the same appears in the records of my office.

File No. ....

DUPLICATE

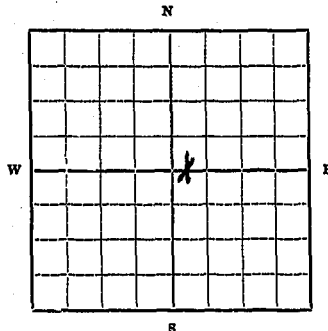
T. 85 R. 33 32  
County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 8 1964

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

Emery H. Hargis Bease Estate of Lodge Grass  
(Name of Appropriator) (Address) (Town)  
County of Big Horn State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NE 32 85 33

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

Domestic Use

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

1936

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

25 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

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

8. The depth of water table

29 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

6 in. casing

10. The estimated amount of groundwater withdrawn each year

several thousand gal.

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

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

Emery H. Hargis Bease  
Signature of Owner  
Date Dec 30, 1963

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

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

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

26924

206638

STATE OF MONTANA  
County of Big Horn

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

31 day of

Dec. A.D. 1963

at 3:11 o'clock P.M.

*Henry E. Coe*  
County Recorder

By \_\_\_\_\_ Deputy

*206638*

*206638*

*206638*

*206638*

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*206638*

*206638*

File No. ....

DUPLICATE

T. *32*  
*W. H. H. Co.*

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 8 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater .....

Address .....

Contractor (if any) .....

Address of Contractor .....

Date Started..... Date Completed.....

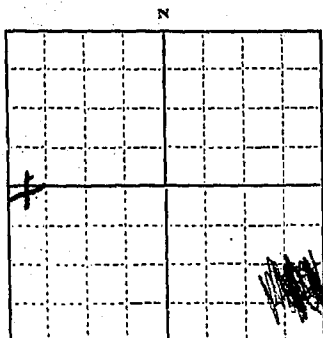
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.....

*Natural springs,*

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.....

*year around*



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

Signature of Owner .....

Date .....

*Emergency Virgie Reese Estate*  
*Dec 30, 1963*

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

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

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

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

26861

206575

STATE OF MONTANA  
County of Big Horn

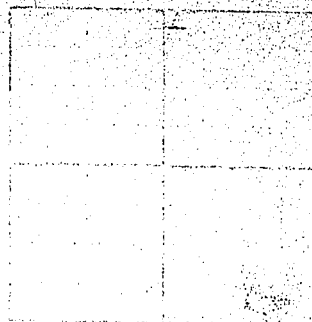
The within instrument was filed  
in my office at Helena, Montana, this

DEC 31 1963 day of

at 2:08 o'clock P.M.

*Harvey E. Cox*  
County Recorder

*Betty Wemple* Deputy



THIS INSTRUMENT IS  
FILED IN MY OFFICE  
AT HELENA, MONTANA  
THIS 31ST DAY OF  
DECEMBER 1963  
BY  
*Betty Wemple*  
Deputy Recorder

File No. ....

DUPLICATE

T. 8S R. 33

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 8 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

Owner *Emery Virgie Pease* Address *Always*  
*Estate* *Lodgepole,*  
*Montana*

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.

*It is just a natural 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.....

*year round.*

Signature of Owner.....

*Emery Virgie Pease Estate*  
Date *Dec 30, 1963*

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

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

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

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

26860

206574

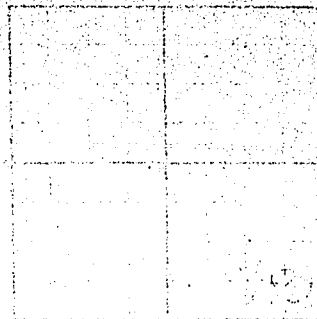
STATE OF MONTANA  
County of Big Horn

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

DEC 31 1963 day of

at 2:06 o'clock P.M.

*Henry E. Cox*  
County Clerk  
By *Ruby W. Smith* Deputy



Notary Public  
My commission expires  
the 1st day of July 1964

*Notary Public*  
*Ruby W. Smith*



File No. ....

DUPLICATE

T 8 S R 33 E  
County Big Horn

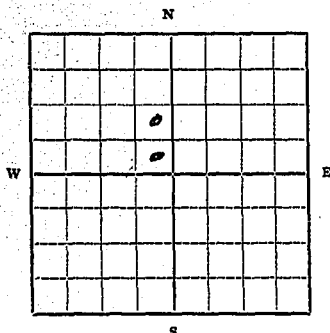
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 16 1963

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

STATE ENGINEER

1 John B. Gibson & Helen F. Gibson, of Lodge Grass  
(Name of Appropriator) (Address) (Town)  
County of Big Horn State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW 1/4 Sec. 35 T8S R33E

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 and agricultural use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1958, continuous use for each spring
4. The amount of groundwater claimed (in miner's inches or gallons per minute) one-half gal. per minute. for each spring
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal free flowing springs
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not applicable
8. The depth of water table 6 feet for each spring
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 not applicable
10. The estimated amount of groundwater withdrawn each year 45,000 gal. per year for each spring.
11. The log of formations encountered in the drilling of each well if available not applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. not applicable

Signature of Owner

*John B. Gibson*  
*Helen F. Gibson*

Date December 10, 1963

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

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

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

9039

205985

STATE OF MONTANA }  
County of Big Horn }

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

DEC 10 1963 day of

DEC 10 A. D. 19

at 5:00 o'clock P.M.

Harry E. Carl  
County Recorder

By Dorothy W. Wenzel Deputy

File No. ....

T. 8 S. R33 E

DUPLICATE

County Big Horn

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

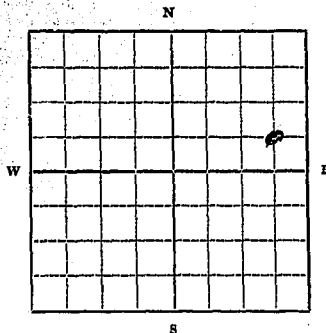
**Declaration of Vested Groundwater Rights**  
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 16 1963

STATE ENGINEER

John B. Gibson & Helen F. Gibson, of Lodge Grass,  
(Name of Appropriator) (Address) (Town)

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



SE  $\frac{1}{4}$  NE  $\frac{1}{4}$  Sec 35 T. 8 S. R33 E

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 and agricultural uses
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959, continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 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 not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal free flowing spring piped to stock tank
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not applicable
8. The depth of water table 6 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 not applicable
10. The estimated amount of groundwater withdrawn each year 90,000 gal. per year
11. The log of formations encountered in the drilling of each well if available not applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not applicable

Signature of Owner

*John B. Gibson*  
*Helen F. Gibson*

Date December 10, 1963

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

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

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

9037

205983

STATE OF MONTANA }  
County of Big Horn } ss:

The within instrument was filed  
in my office at Hardin, Montana, this  
DEC 10 1963 day of

A. D. 19

at 4:58 o'clock P.M.

Harry E. Cox  
County Recorder  
By Ruby W. Wampler Deputy

File No. ....

T 8 S R 33 E

DUPLICATE

County Big Horn

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

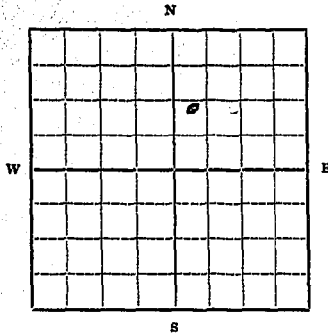
RECEIVED  
DEC 16 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John B. Gibson & Helen F. Gibson, of Lodge Grass  
(Name of Appropriator) (Address) (Town)  
County of Big Horn State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NE 1/4 Sec. 35, T8 S R. 33 E

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 domestic and livestock use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950, continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 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 some irrigation for domestic use for garden and lawn
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electrical Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1950
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 drilled well, 60 feet deep, six-inch casing and 2 inch pipe with electric pump
10. The estimated amount of groundwater withdrawn each year 180,000 gal. per year
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

*John B. Gibson*  
*Helen F. Gibson*

Date December 10, 1963

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

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

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

9038

205984

STATE OF MONTANA } ss.  
County of Big Horn

The within instrument was filed  
in my office at Hardin, Montana, this  
DEC 10 1958 day of

A. D. 19

4:59 o'clock P. M.

*Harry E. Cox*  
County Recorder

*Ruby Temple* Deputy

File No. ....

T 8 S R 33 E

DUPLICATE

County Big Horn

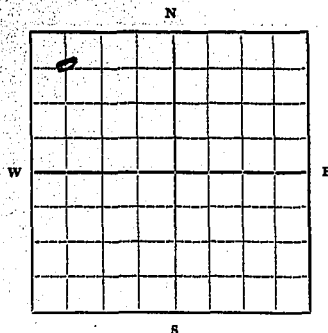
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

RECEIVED  
DEC 16 1963

STATE ENGINEER

1. John B. Gibson & Helen F. Gibson, of Lodge Grass, (Name of Appropriator) (Address) (Town)  
County of Big Horn State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NW 1/4 Sec. 36, T8 S R33 E

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 and agricultural uses
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959, continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 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 not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal free flowing spring piped to a stock tank
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not applicable
8. The depth of water table 6 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 not applicable
10. The estimated amount of groundwater withdrawn each year 90,000 gal. per year
11. The log of formations encountered in the drilling of each well if available not applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. not applicable

Signature of Owner John B. Gibson  
Helen F. Gibson

Date December 10, 1963

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

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

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

205982

STATE OF MONTANA } ss.  
County of Big Horn }

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

DEC 10 1963 day of

A. D. 19

at 4:57 o'clock P.M.

Harry E. Caff  
County Recorder

By Rudolph Sample Deputy

10 The estimated amount of money after deduction of fees is \$10.00 per page.



File No. ....

T. 8 S. R. 33 E.

DUPLICATE

County. Big Horn

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

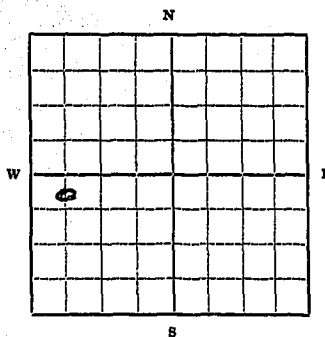
Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 16 1963

STATE ENGINEER

1. John P. Gibson & Helen F. Gibson, of Lodge Grass  
(Name of Appropriator) (Address) (Town)

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



NW 1/4 Sec. 36 T. 8 S R. 33 E

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  
and agricultural uses

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950, continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 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 not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal free  
flowing spring reservoir storage

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not applicable

8. The depth of water table 6 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 not applicable

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

11. The log of formations encountered in the drilling of each well if available not applicable

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

Signature of Owner

*John P. Gibson  
Helen F. Gibson*

Date December 10, 1963

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

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

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

9035

205981

STATE OF MONTANA }  
County of Big Horn } ss:

The within instrument was filed  
in my office at Hardin, Montana, this  
DEC 10 1963 day of

at 4:56 o'clock P.M.  
A.D. 1963

Harry E. Cap  
County Recorder

By Ruby Wenzel Deputy

File No. ....

DUPLICATE

302880

T. 8 S. R. 33 E.

County. Big Horn

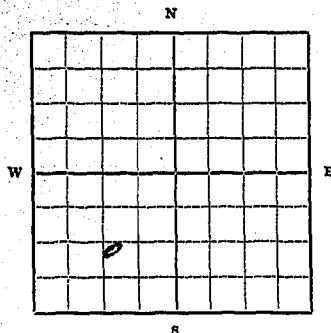
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

RECEIVED  
DEC 16 1963  
STATE ENGINEER

1. John B. Gibson & Helen F. Gibson, of Lodge Grass  
(Name of Appropriator) (Address) (Town)

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



SE 1/4 SW 1/4 Sec. 36 T8 SR 33 E

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  
and agricultural use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959, continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 gal. per hour
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal free  
flowing spring
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not applicable
8. The depth of water table 6 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 not applicable
10. The estimated amount of groundwater withdrawn each year 35,000 per year
11. The log of formations encountered in the drilling of each well if available not applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not applicable

Signature of Owner John B. Gibson  
Helen F. Gibson

Date December 10, 1963

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

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

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

9034

205980

STATE OF MONTANA }  
County of Big Horn } ss:

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

DEC 10 1963 day of

A. D. 19

at 1:55 o'clock P.M.

Harvey E. Cap  
County Recorder  
By Betty W. Cap Deputy

File No. ....

T 8 S R 33 E

DUPLICATE

County Big Horn

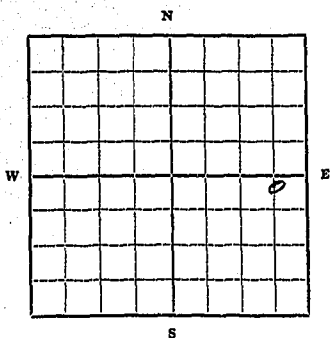
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 16 1963

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

John B. Gibson & Helen F. Gibson....., of Lodge Grass.....  
(Name of Appropriator) (Address) (Town)

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



NE 1/4 SE 1/4 Sec. 36, T. 8 S R. 33 E

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  
and agricultural uses
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959, continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 gal. per hour
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal free  
flowing spring
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not applicable
8. The depth of water table 6 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 not applicable
10. The estimated amount of groundwater withdrawn each year 35,000 gal. per year
11. The log of formations encountered in the drilling of each well if available not applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not applicable

Signature of Owner

John B. Gibson  
Helen F. Gibson

Date December 10, 1963

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

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

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

9033

205979

STATE OF MONTANA )  
County of Big Horn ) ss:

The within instrument was filed  
In my office at Hardin, Montana, this  
DEC 10 1963 day of

A. D. 19

at 4:54 o'clock P.M.

*Harry E. Cox*  
County Recorder  
By *Ruby W. Wampler* Deputy

RECEIVED  
DEC 11 1963

# GROUNDWATER INDEX

Page 1 of 1

County Big Horn Twp. 8 S Rge. 34 E

[illegible]

File No. ....

**DUPLICATE**

T. 8 S. R. 34 E.

County. Big Horn

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

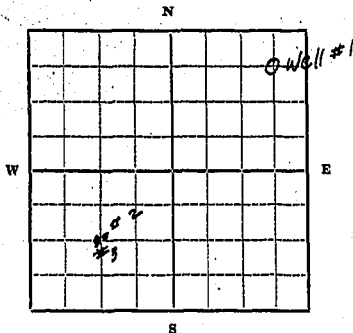
R  
JAN 8 1964

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. M. T. Wells, of Lodge Grass  
(Name of Appropriator) (Address) (Town)  
County of Big Horn State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 SE 1/4  
NE 1/4 NE 1/4 Sec. 7 T. 8 S. R. 34 E

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 and domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well Nos. 1 & 3 - 20 years  
Well No. 2 over 15 years

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Wells Nos. 1 & 3 Prior to 1943  
Well No. 2 prior to 1948

8. The depth of water table 12 to 15 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well No. 1 6 inch casing, 25 to 30 feet  
Well No. 2. 6 inch casing, 12 feet  
Well No. 3. tiled well, 12 or 14 inches, 12 feet deep.

10. The estimated amount of groundwater withdrawn each year varies with use

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 not applicable

Signature of Owner M. T. Wells

Date January 2, 1964

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

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

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

26982



206706

STATE OF MONTANA }  
County of Big Horn } ss.

The within instrument was filed  
in my office at Hardin, Montana, this  
JAN 2 1964 day of

\_\_\_\_\_ A. D. 19\_\_\_\_  
at 3:45 o'clock P.M.

Henry E. Carl  
County Recorder  
By Ruby Wample Deputy

File No. ....

DUPLICATE

T 8 S R 34 E

County Big Horn

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

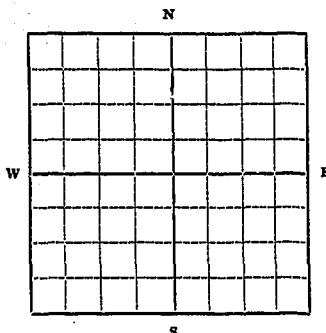
R  
JAN 8 1964

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. M. T. Wells of Lodge Grass  
(Name of Appropriator) (Address) (Town)  
County of Big Horn State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



No. 1 NW 1/4 NW 1/4  
No. 2 SW 1/4 NW 1/4 Sec. 16 T 8s R 34 E

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 prior to 1915 and continuous use thereafter
4. The amount of groundwater claimed (in miner's inches or gallons per minute) varies with season
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal natural flow
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not applicable
8. The depth of water table water table exposed to point of springs
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 not applicable
10. The estimated amount of groundwater withdrawn each year varies with season
11. The log of formations encountered in the drilling of each well if available not applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. not applicable

Signature of Owner M. T. Wells

Date, January 2, 1964

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

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

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

26983

206707

STATE OF MONTANA }  
County of Big Horn } ss.

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

JAN 2 1964 day of

A. D. 19

at 3:50 o'clock P.M.

Harvey E. Carl  
County Recorder

By Ruby Wenzel Deputy

File No. ....

DUPLICATE

T. 8S R. 34E

County Big Horn

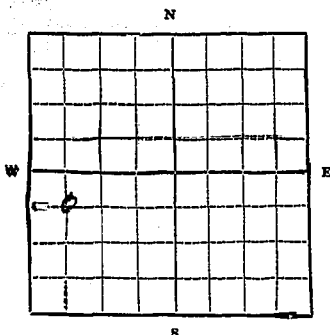
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

RECEIVED  
DEC 16 1963  
STATE ENGINEER

1. John B. Gibson & Helen F. Gibson, of Lodge Grass  
(Name of Appropriator) (Address) (Town)

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



NW  $\frac{1}{4}$  SW  $\frac{1}{4}$  Sec. 31 T. 8S R. 34E

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  
and agricultural uses

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been 1933; continuous use

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) one-half 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 not applicable

6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal free  
flowing dug-out spring reservoir storage

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater not applicable

8. The depth of water table 6 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 not applicable

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

11. The log of formations encountered in the drilling of each well if available not applicable

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

Signature of Owner

John B. Gibson  
Helen F. Gibson

Date December 10, 1963

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

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

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

9029

205975

STATE OF MONTANA }  
County of Big Horn } ss.

The within instrument was filed  
in my office at Hardin, Montana, this  
DEC 10 1963

day of

A. D. 19

at 4:50 o'clock P. M.

*James E. Carr*  
County Recorder  
By *Ruby Wemple* Deputy

RECEIVED  
DEC 10 1963  
COUNTY CLERK

File No. ....

DUPLICATE

T. 8 S. - R. 34 E.

County. Big Horn

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

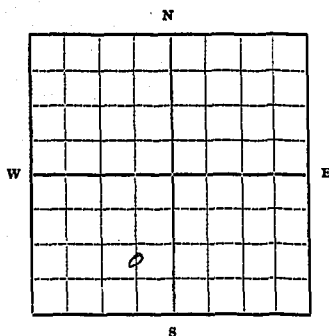
Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 16 1963

STATE ENGINEER

John B. Gibson & Helen F. Gibson, of Lodge Grass, (Name of Appropriator) (Address) (Town)

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



SE 1/4 SW 1/4 Sec. 31 T8S. R. 34E

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 and agricultural use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1958, continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 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 Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal free flowing spring piped to a stock tank
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not applicable
8. The depth of water table 6 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 not applicable
10. The estimated amount of groundwater withdrawn each year 90,000 gals. per year
11. The log of formations encountered in the drilling of each well if available not applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not applicable

Signature of Owner.

*John B. Gibson*  
*Helen F. Gibson*  
Date December 10, 1963

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

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

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

9028

205974

STATE OF MONTANA }  
County of Big Horn } ss.

The within instrument was filed  
in my office at Hardin, Montana, this  
DEC 10 1963 day of

4:49 A.D. 1963  
at 4:49 o'clock P.M.

Harry E. Cap  
County Recorder

By Ruby Wengle Deputy

RECORDED  
INDEXED  
DEC 10 1963  
HARDIN, MONT.

File No. ....

T. 8 R. 34

DUPLICATE

County. Big Horn

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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

0 - 10 Top Soil

Owner. Little Horn Land Co. Address. Wyola, Montana

10 - 14 Gravel  
water 2 GPM

Driller. Henry Kray Address. Hardin, Mont.

14 - 165 Shale

Date of Notice of Appropriation of Groundwater 12/31/63

165 - 180 Shale W/gravel Date well started 3-9-63 Date Completed 4-10-63

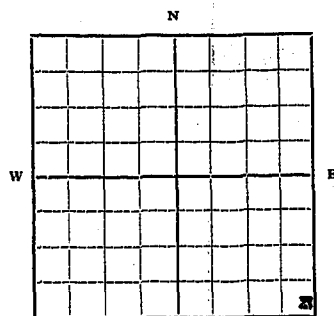
180 - 196 Shale

Type of well Drilled Equipment Used Cable Tool  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) 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)
5 1/2"	4 1/2 OD 7#		198			



SE 1/4, SE 1/2 Sec. 33, T. 8 R. 34

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

Show exact depth of bottom.

Static Water Level for non-flowing Well 7 feet.

Shut-in Pressure for Flowing Well not applicable

Pumping Water Level 180 feet at 9 gal. per minute.

Discharge in gal. per min. of flowing well not applicable

How Tested Bailed Length of Test 1 Hr.

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

59  
Driller's License Number

Henry Kray  
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.

26906




Discharge in gal per min of flowing well 100  
 Pumping Water Level 100 feet at 9 gal per minute  
 Shut-in Pressure for Flowing Well 200 psi  
 Static Water Level for non-flowing Well 100 feet

Time Elapsed in Days	Time Elapsed in Hours	Time Elapsed in Minutes	Time Elapsed in Seconds	Time Elapsed in Tenths	Time Elapsed in Hundredths
0	0	0	0	0	0
1	0	0	0	0	0
2	0	0	0	0	0
3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
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13	0	0	0	0	0
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77	0	0	0	0	0
78	0	0	0	0	0
79	0	0	0	0	0
80	0	0	0	0	0
81	0	0	0	0	0
82	0	0	0	0	0
83	0	0	0	0	0
84	0	0	0	0	0
85	0	0	0	0	0
86	0	0	0	0	0
87	0	0	0	0	0
88	0	0	0	0	0
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90	0	0	0	0	0
91	0	0	0	0	0
92	0	0	0	0	0
93	0	0	0	0	0
94	0	0	0	0	0
95	0	0	0	0	0
96	0	0	0	0	0
97	0	0	0	0	0
98	0	0	0	0	0
99	0	0	0	0	0
100	0	0	0	0	0

206620

DUPLICATE

File No.

STATE OF MONTANA  
 County of Big Horn  
 The within instrument was filed  
 in my office at Helena, Montana, this  
**DEC 31 1963** day of

at 2:53 o'clock P.M.  
Henry E. Cox County Recorder  
Barbara Temple Deputy

I, Henry E. Cox, County Recorder,  
 do hereby certify that the within  
 instrument was duly recorded in  
 the office of the County Recorder  
 of the County of Big Horn, Montana,  
 on the 31 day of December, 1963.  
 My office is located at Helena, Montana.  
 In testimony whereof, I have hereunto  
 set my hand and the seal of my office  
 at Helena, Montana, this 31 day of  
December, 1963.

County  
 L. 9 H. 31

# GROUNDWATER INDEX

Page 1 of 1

County Big Horn Twp. 8 S Rge. 35 E

[illegible]

OW 2

Approved Stock Form—State Publishing Co., Helena, Montana—423

File No.

STATE WATER CONSERVATION BOARD

T. 8 S. R. 35 E

DUPLICATE

SEP 19 1966

County Big Horn

LOG

Bille  
Butzerin  
Coye  
DierkerMcDermott  
McNulty  
Morton  
Sullivan

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 3725)

Top Soil

SANDY Soil

SAND &amp; GRAVEL

Blue Shale (Bottom  
of hole - Elev. 3648)

## Notice of Completion of Groundwater

## Appropriation by Means of Well

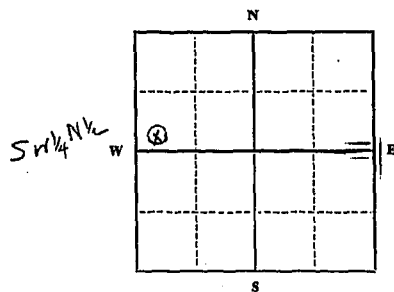
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Mrs. F. F. Fawcett Address Wyo. Mont.Driller C. J. Reid Address Sheridan, Wyo.Date of Notice of appropriation of groundwater Aug. 30, 1966Date well started 8-28-66 Date completed 8-29-66Type of well Domestic Equipment used Rotary  
(Dig, 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		
6"	4" wt. 10.87	0	57'	Kind Size	From (Feet)	To (Feet)
				4" slits	18'	57'

Static Water Level for non-flowing well 9' feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 25' feetat 20 gal. per minute.

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

How Tested Bailed & pumpedLength of Test 3 1/2 hrs.

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

SW 1/4 NE 1/4 Sec. 14 T. 8 S. R. 35 E  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number 90Driller's Signature C. J. Reid

217007

Disability

五、

215

(Refer to page 161)  
 in order to get

STATE OF MONTANA }  
County of Big Horn } ss.

The within instrument was filed  
In my office at Hardin, Montana, this  
SEP 16 1966 day of

A. D. 19.

at 8:05 o'clock AM

By Shirley E. Cox County Recorder  
Ruby W. Smith Deputy

By Garby Wessell Deputy

ED OF CIVIL RIGHTS  
AND VARIOUS OF CONGRESSIONAL  
SYSTEM OF INQUIRY

10-10-68

I hereby certify that the foregoing is a true and correct copy of the original as the same appears in the files of the Department of the Interior.  
 Special Agent in Charge

1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348</
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	1	

[illegible]

File No. ....

T. 8 R. 35

DUPLICATE

County Big Horn

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 8 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Little Horn Land Co.

(Name of Appropriator)

of

(Address)

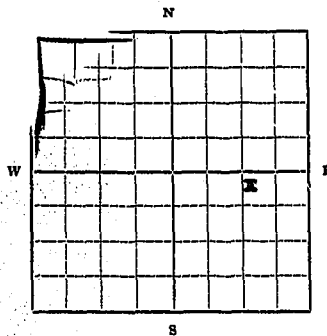
Wyola

(Town)

County Big Horn

State of Montana

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



NE 1/4 Sec. 21 T. 8 R. 35

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 domestic & stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1928

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 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 not applicable

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 July 1, 1928

8. The depth of water table 18'

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 25 ft. deep - 6" casing

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

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

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

Little Horn Land Co.

Signature of Owner By: Sec.

Date 12/31/63

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

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

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

26904

206623

STATE OF MONTANA ss.  
County of Big Horn

The within instrument was file  
in my office at Harding, Montana, this

DEC 31 1968 day of

\_\_\_\_\_ A. D. 19

at 2:56 o'clock P.M.

*Harry E. Cap*  
County Recorder

By *Dorothy Sample* Deputy

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

DUPLICATE

T. 8 S. R. 35 E.

County Big Horn

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 8 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater May 1, 1958

Owner Little Horn Land Co. Address Wyola, Montana

Contractor (if any) owner

Address of Contractor not applicable

Date Started May 1, 1958 Date Completed continuously mant.

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

natural spring. Water flows to the surface of the ground when maintained.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

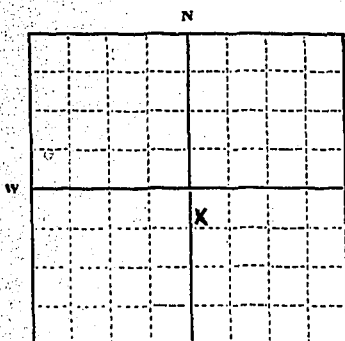
estimate approximate lengths of periods of use 50 GPM

Observed flow and estimate based thereon.

Not intermittent.

Signature of Owner Little Horn Land Co. by *John H. Hume* Sect'y.

Date Dec 31, 1963



NE 1/4 Sec. 21 T 8 S R 35 E  
Indicate point of appropriation  
and place of use, if possible.

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.

26914

206628

STATE OF MONTANA ss.  
County of Big Horn

The within instrument was  
in my office as Recorder  
DEC 3 1963

A. D. 19

at 3:01 o'clock P.M.

*Harry E. Cox*  
County Recorder

By *Ruby Wemple* Clerk



GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—3906

File No.

T 85 R 35

DUPLICATE

County

Big Horn

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  
JAN 6 1964

Top of Ground

(Elev. above sea level 4000 ft.)

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Paul Herman Address Thyola, Mont.Driller C.T. Reid Address Shenandoah 440

Date of Notice of Appropriation of Groundwater

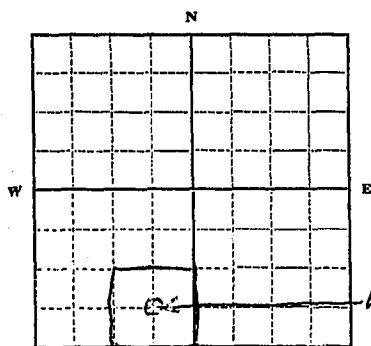
Date well started July 31 Date Completed July 24, 63

Type of well \_\_\_\_\_ Equipment Used \_\_\_\_\_  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) 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"	4"	0	170	4" Galv.	0	170



SE 1/4 Sec 22 T85 R35  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

170 feetStatic Water Level for non-flowing Well 7 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 160 feet at 8 1/2 gal. per minute.

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

How Tested Beide & Pump Length of Test 3 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) \_\_\_\_\_

Household use and  
yard and garden

Driller's License Number 90Driller's Signature C.T. Reid

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.

21621

206213

STATE OF MONTANA } ss.  
County of Big Horn }

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

DEC 23 1963 day of

A. D. 19

at 8:00 o'clock AM.

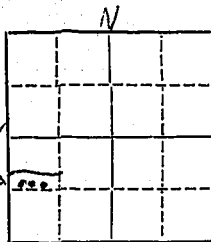
*Henry E. Cope*  
County Recorder  
*Deputy*  
Deputy

85 35E 22

T. Eight R. 35 E. 22  
County Big HornMONTANA BUREAU OF MINES AND GEOLOGY  
Butte, MontanaRECEIVED  
DEC 29 1961

## WATER WELL LOG

STATE ENGINEER

Owner Lena C. Foltz Address Wyola Mont.

Driller \_\_\_\_\_ Address \_\_\_\_\_

Date Started Before 1950 Date Completed 1950Location: Sec. 22 T. 8 S. R. 35 E.  $\frac{1}{4}$  sec. NW  $\frac{1}{4}$  of SW  $\frac{1}{4}$  on 10 acres.Type of well 1 Dug 2 Driven Equipment used \_\_\_\_\_  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)Water use: Domestic ☒Municipal ☐Stock ☒Irrigation ☒Industrial ☐Drainage ☐

Other: \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type Open Size 1 1/2" DepthCasing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type Driven 2" pipe 20 ftCasing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type Driven 2" pipe 20 ft depth

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

Type of screen or perforations \_\_\_\_\_

Static Water level, for non-flowing well: No. 1 Ground level feet.Shut-in pressure, for flowing well: No. 2 & 3 19 ft. Depth (date)

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

How tested: \_\_\_\_\_

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

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

No. 1. dug well 300 gal per min.  
No. 2. driven well one point 20 ft depth 100 gal per min  
No. 3. driven, two point 20 ft depth. Tested 200 gal per min

(over)

[illegible][illegible]

RECEIVED

Revised 1969  
192-1300-10/69

JUL 10 1973

County Big Horn 23

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION  
MONTANA WATER RESOURCES BOARD  
**NOTICE OF APPROPRIATION OF GROUNDWATER**  
(Under Chapter 237, Montana Session Laws, 1961, as amended)

After filing a notice of appropriation, in order to acquire a right based thereon, the person must, within ninety (90) days, commence actual excavation and diligently prosecute construction of a well and, upon its completion, file a notice of completion with the County Clerk of the county in which the appropriation is located.

Three copies of this notice are to be filed 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 may be returned.

1. I, Edna Gerda White, of Hynd, Mont-59089  
(Name of Appropriator) (Address) (Town)

County of Big Horn, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is irrigation for small hay patch.  
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 20 gal.

The estimated amount of groundwater to be used annually 20,000

4. The annual period (inclusive dates) of intended use 4-1 to 10-1

5. The probable or intended date of first beneficial use \_\_\_\_\_

6. The probable or intended date of commencement and completion of the well\* or wells\* \_\_\_\_\_

7. The location, type, size and depth of well or wells contemplated This is an undeveloped spring

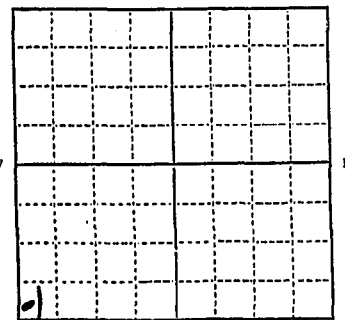
8. The probable or estimated depth of the water-table or artesian aquifer 4 ft.

9. The name, address, and license number of the driller engaged - - -

10. Give such other similar information as may be useful in carrying out the policy of this act \_\_\_\_\_

For Administrator's Use	
File <u>240654</u>	
<u>7-3-73</u>	<u>8:42 a.m.</u>

USE RIGHT  
Date well used - 1933



SW 1/4 Sec. 23

T. 8 N R. 35 E

LOCATE WELL OR OTHER MEANS OF DEVELOPMENT AS ACCURATELY AS POSSIBLE ON THE PLAT.

Signature of Appropriator Edna Gerda White Date \_\_\_\_\_

\*As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

56,007

240654

STATE OF MONTANA } ss.  
County of Big Horn }

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

day of

JUL 3 1973 A.D. 19

at 8:42 o'clock A.M.

*James L. Lippert*  
County Recorder  
By *Shirley Jones* Deputy

RECORDED  
INDEXED  
JUL 3 1973  
HARDIN, MONTANA

100

100

For this to be valid, the original must be filed in the office of the County Recorder.


55920

240680

STATE OF MONTANA } ss.  
County of Big Horn

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

JUL 9 1973 A.D. 19  
at 8:46 o'clock AM.

*Joseph L. Lippert*  
County Recorder  
By *Barth J. Jones* Deputy

RECORDED

INDEXED

FILED

1973

JUL

10

11

12

13

14

15

16

17

18

19

20

21



# GROUNDWATER INDEX

Page 1 of 1

County Big Horn Twp. 8.5 Rge. 36 E.

[illegible]

File No. STATE WATER CONSERVATION BOARD

T. 8S R. 36E

DUPLICATE

APR 24 1967

County Big Horn

LOG  
 Butzerin \_\_\_\_\_  
 Coyia \_\_\_\_\_  
 Darlinton \_\_\_\_\_  
 Sullivan \_\_\_\_\_  
 McDermott \_\_\_\_\_  
 McNulty \_\_\_\_\_  
 Morton \_\_\_\_\_  
 Sullivan \_\_\_\_\_

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Flying V Cattle Co., Address Ranchester, Wyo.

Driller Flying V Cattle Co., Address Ranchester, Wyo.

Date of Notice of appropriation of groundwater \_\_\_\_\_

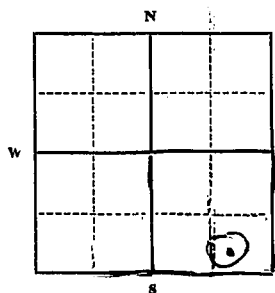
Date well started May 5, 1966 Date completed May 6, 1966

Type of well drilled Equipment used rotary  
 (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)	EXPLORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4"	0'	30'	none		



Static Water Level for non-flowing well \_\_\_\_\_ feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

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

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

How Tested: Bailers \_\_\_\_\_

Length of Test \_\_\_\_\_

Remarks: (Gravel packing, cementing, etc., type of cutoff) \_\_\_\_\_

SE 1/4 SEC. 4, T. 8S, R. 36E  
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

*Flying V Cattle Company*  
 Driller's License Number \_\_\_\_\_

Driller's Signature

41,895



File No. \_\_\_\_\_ STATE WATER CONSERVATION BOARD

T. SE 6S. R. 36E

DUPLICATE

APR 24 1967

County Big Horn

Bill \_\_\_\_\_ McDermott \_\_\_\_\_  
 L. G. \_\_\_\_\_ McNeill \_\_\_\_\_  
 \_\_\_\_\_ Coyle \_\_\_\_\_  
 \_\_\_\_\_ Darlington \_\_\_\_\_  
 \_\_\_\_\_ Dickert \_\_\_\_\_  
 \_\_\_\_\_ Sullivan \_\_\_\_\_

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**  
 DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Flying V Cattle Co. Address Ranchester, Wyo.

Driller Flying V Cattle Co. Address Ranchester, Wyo.

Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started Jan. 21, 1966 Date completed Jan. 23, 1966

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

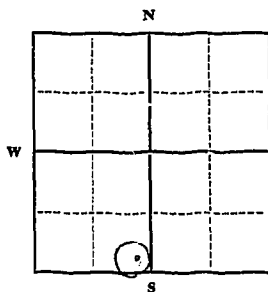
Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
 Industrial ☐ Drainage ☐ Other ☐

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.

125' water sands

175' water sands

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4"	0'	175'	4"	120'	140'
					160'	180'



Static Water Level for non-flowing well \_\_\_\_\_ feet.

Shut-in Pressure for ~~Flowing~~ Well \_\_\_\_\_

Pumping Water 10 feet at 10 gal. per minute.

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

How Tested bailer

Length of Test \_\_\_\_\_

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

SE 1/4 SW Sec. 6 T. 8S. R. 36E  
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller  
 Driller's License Number \_\_\_\_\_  
Flying V Cattle Co.  
Driller's Signature

41,894