

240559

STATE OF MONTANA } ss.
County of Big Horn }

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

JUN 28 1973 day

A. D. 19__

at 4:25 o'clock P. M.

James L. Leggett
County Recorder

By _____ Deputy

File No.

T.1N. R.28E

DUPLICATE

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

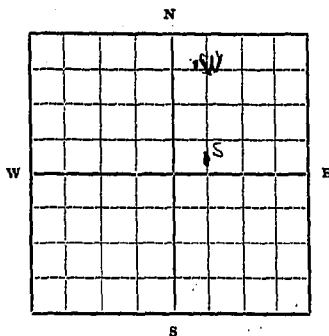
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. J. T. and Ulla B. Redding, of Sage Pt., Hydram
(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:



N.E. 1/4 Sec. 33 T.1N. R.28E

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 live stock water
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) Well - 1/2 gallons
Spring - 5 gallons
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal gravity
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well - 1950
Spring - 1953
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 Well - 8 feet deep - 4 inch casing - drilled
Spring - 6 feet deep
10. The estimated amount of groundwater withdrawn each year 260,000 gallons for each
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 J. T. Redding
Ulla B. Redding

Date Dec 25, 1963

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

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

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

21654

206288

STATE OF MONTANA } ss:
County of Big Horn }

The within instrument was filed
in my office at Hardin, Montana, this
DEC 26 1963 day of

10:00 A. D. 1963
at 10:00 o'clock A.M.

Harry E. Cox
County Recorder

By Ruby W. Sample Deputy

File No.

DUPLICATE

T.1.N. R. 3-8

County Big Horn

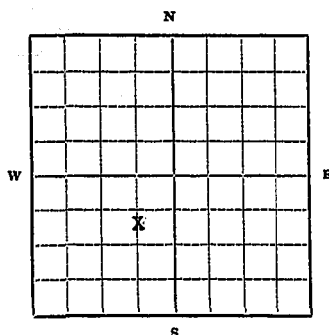
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
JAN 6 1964
STATE ENGINEER

1. Forrest L. Bass, of Hysham, Montana
(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 Sec. 36 T.1.N. R. 3-8

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 garden irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct. 1954 and continued use
since
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 Used for irrigating garden. One half
acre tract
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Motor and pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Oct. 1954
8. The depth of water table 60 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater None other at this time
10. The estimated amount of groundwater withdrawn each year 218,000
11. The log of formations encountered in the drilling of each well if available None available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. No other information available

Signature of Owner Forrest L. Bass

Date Dec 26 1963

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

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

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

21685

206324

STATE OF MONTANA }
County of Big Horn } ss.

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

DEC 27 1963 day of

at 11:35 A. D. 19
o'clock P. M.

Harry E. Cap
County Recorder

By Gerald T. Smith Deputy

File No.

DUPLICATE

Tn 1N R 38

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

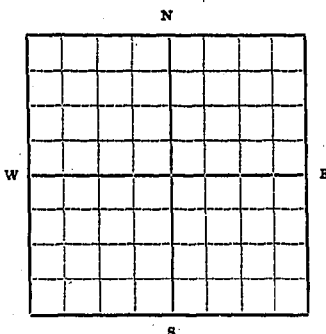
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964

STATE ENGINEER

1. Forest L. Carr, of Hysham, Montana
(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 Sec. 36 T. 1N R. 38
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
wells
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct 1936
In use ten months each year since
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 Not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump and motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Oct 1936
8. The depth of water table 22 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater None
10. The estimated amount of groundwater withdrawn each year 360,000 Gallons
11. The log of formations encountered in the drilling of each well if available None available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record No other information available

Signature of Owner Forest L. Carr

Date Dec 26 - 1963

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

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

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

21679

206318

SURVEY OF MONTANA } ss.
County of Big Horn }

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

DEC 27 1963 day of

A. D. 19

at 11⁴ o'clock A. M.

Harry E. Cox
County Recorder

By Leliet Smith Deputy

File No.

DUPLICATE

T. IN 38

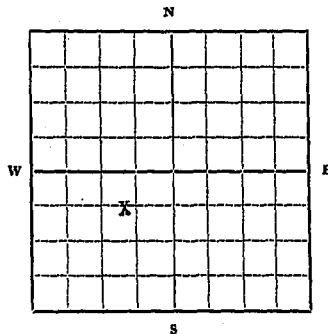
County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
JAN 8 1964
STATE ENGINEER

1. Forrest L. Cass of Hysham
(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 Sec 36 T. 1N. R. 38

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 Spring
stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been This spring has been in use
since land was homesteaded in 1897
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 75 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 used for sub irrigating hay land below
spring
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 1897
8. The depth of water table Surface of creek bed
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 none at this time
10. The estimated amount of groundwater withdrawn each year Do not know
11. The log of formations encountered in the drilling of each well if available spring
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 available

Signature of Owner Forrest L. Cass

Date Dec 26 - 1963

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

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

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

21678

206317

STATE OF MONTANA }
County of Big Horn } ss.

The within instrument was filed
In my office at Hardin, Montana, this
DEC 27 1963 day of

at 11¹⁵ A. D. 19
o'clock A.M.

Harry E. Cook
County Recorder
By *Goldie L. Smith* Deputy

GROUNDWATER INDEX

Page of

County Big Horn

Twp. 14

Rge. 39 E

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File No.

DUPLICATE

T. N. R. 39 E.

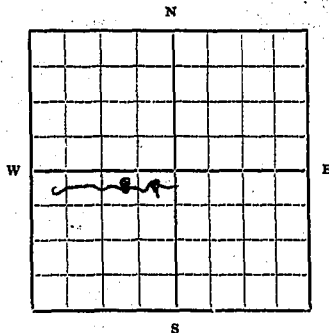
County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1963

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

1. Cecil C. Dyckman, of Kyburh Sarpy Area, Kyburh
(Name of Appropriator) (Address) (Town)
County of Montana State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N² SW 1/4 Sec. 19 T. 14N. R. 39E

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 Stack Water for cattle
3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 10, 1957
six months each year--summer months
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal, well pump jack and motor.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started May 5th, 1957 Completed May 10, 1957
8. The depth of water table 20 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" casing Well depth 65'
10. The estimated amount of groundwater withdrawn each year 45,000 gallons
11. The log of formations encountered in the drilling of each well if available 3 ft. top soil, 13' of yellow clay, 6' coal, 33' white shale, 10' sand
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record This well was O. Ed. by Range Conservation office, Big Horn County in Hardin. Cost of well shared by owner and Govt

Signature of Owner Cecil C. Dyckman

Date Dec 5, 1962

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

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

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

3212

201848

STATE OF MONTANA }
County of Big Horn }

The within instrument was filed
in my office at Hardin, Montana, this
JAN 7 1963 day of

A. D. 19

at 11:45 o'clock A. M.

Harry E. Cope
County Recorder

By *Deputy Sample* Deputy

File No.

DUPLICATE

T. 12 R. 39 S. 20
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

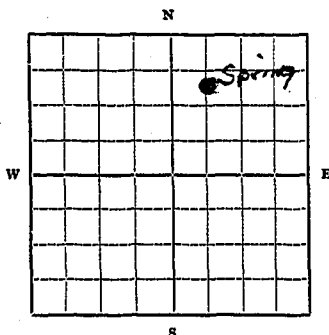
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 8 1964

STATE ENGINEER

1. John Mahlin, of Hardin, Mont
(Name of Appropriator) (Address) (Town)
County of Big Horn Co. State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/4 Sec. 30 T. 12 R. 39

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 live stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 21st known

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 Natural Flow

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 Surface

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 Don't know

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 Don't know

Signature of Owner John Mahlin

Date Jan 21 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.

26952

206666

STATE OF MONTANA } ss:
County of Big Horn }

The within instrument was filed
in my office at Hardin, Montana, this
DEC 2 1963 day of

 A. D. 19
at 8:40 o'clock P.M.

Harry E. Coe
County Recorder

By Ruby Wemple Deput

GW

Approved Stock Form—State Publishing Co., Helena, Montana—41921

21

File No.

T. 1 N. R. 39 E

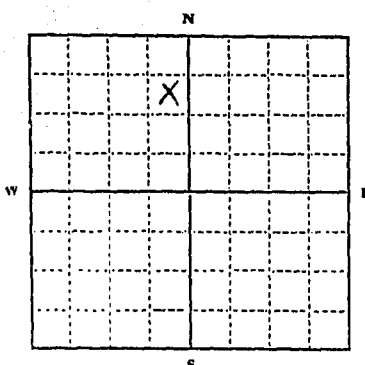
DUPLICATE

Should be Big Horn
STATE OF MONTANACounty RosebudADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JUN 3 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ashenburt Ranch, Inc., of Forsyth
(Name of Appropriator) (Address) (Town)
County of Rosebud State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NW Sec 21, T. 1 N. R. 39 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.....
Watering Stock and House Use
3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been 1959 -
CONSTANT USE
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 10 gal. per min.
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
.....
6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal.....
electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater STARTED 1959 - Completed Oct. 1959
8. The depth of water table 123' 90'
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.....
electric pump - 6" casing - 30' 90'
123'
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.....
None

Signature of Owner

Ashenburt Ranch, Inc.
Gene T. Ashenburt, Inc.Date 12-28-63

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 to the Appropriator.

21052

W 3

File No. _____

DUPLICATE

Should be Big Horn

Approved Stock Form—State Publishing Co., Helena, Montana—39318

T. *IN R* 11396
County *AN 3* 1964STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater *Oct '61*Owner *The Brown Cattle Co.* Address *Birney Mont-*Contractor (if any) *Walter Hicks*Address of Contractor *Forsyth -*Date Started *Oct 15 1961* Date Completed *Oct. 1961*

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

clean art springs -
surface water -

1/4 Sec. *21* T. *1* R. *32E*
Indicate point of appropriation
and place of use, if possible.

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.

about 3 gals per min.
three pipe used in
*non freezing weather -*Signature of Owner *The Brown Cattle Co.*Date *10/1/63*

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

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

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

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

21340

STATE OF MONTANA, COUNTY
OF ROSEBUD, SS. FILED DEC
31, 1963, AT 5:00 PM, CO. CLERK
#2201
Maurice Scott

Donna Jean Hild, Sign

should be Big Horn

Approved Stock Form—State Publishing Co., Helena, Montana—39318

File No. _____

T. 10 R. 39 21

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Sept. '61

Owner The Brown Cattle Co. Address Birney, Mont.

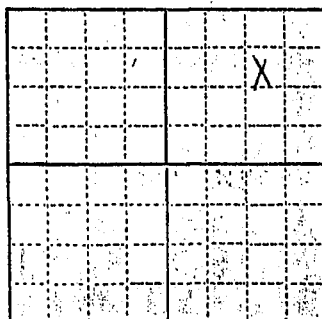
Contractor (if any) Water Hicks

Address of Contractor Forsyth

Date Started Sept. '61 Date Completed Sept. '61

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

clean art spring
surface water



1/4 Sec 21 T. 1 R. 39
Indicate point of appropriation
and place of use, if possible.

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.

about 3 gals per min.
used thru pipe in
non freezing weather

Signature of Owner The Brown Cattle Co.
12/7/61
Date 10/4/63

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

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

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

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

21338

180114

STATE OF MONTANA, COUNTY
OF ROSEBUD, SS. FILED DEC
31, 1963, AT 3: PM. CO. CLERK

David Lee Clark, Jr.
by

File No.

DUPLICATE

should be Big Horn

T. 1 N. R. 39 E

County, *Rosebud*

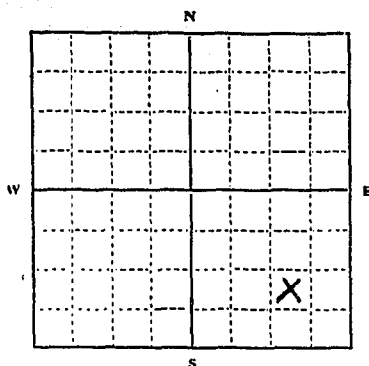
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. *Aspenhurst Ranch Inc*, of *Forsyth*
(Name of Appropriator) (Address) (Town)
County of *Rosebud* State of *MONTANA*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



E. 1/4 SE. Sec. 28, T. 1 N. R. 39 E

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

2. The beneficial use on which the claim is based.....
Watering live stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
10-27-57
8 mos. per year

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
30-90 gal per min

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
10-20-57 - 10-27-57

8. The depth of water table.....
90'

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.....
Windmill - 6" casing - 108'

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

11. The log of formations encountered in the drilling of each well if available.....
0 - 6' - Topsoil
6' - 18' - Sandrock (hard)
18' - 75' - Sandrock
75' - 90' - Water-sand
90' - 108' - Coal

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

Bill Graem
Forsyth

Signature of Owner

Aspenhurst Ranch Inc
Gene T. Aspenhurst

Date *12-28-63*

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; Triuplicate to the Montana Bureau of Mines and Geology, and Quadruplicate to the Appropriator.

81066

179821

STATE OF MONTANA, COUNTY
OF ROSEBUD, SS. FILED DEC.
30, 1963, AT 1:00 PM, CO. CLERK

*Warrant of Attachment
by: Walter Black, Jr.*

FILED IN CASE NO. 179821

and returned to the
Court for filing

File No. _____

DUPLICATE

T. IN R. 39 29

County _____

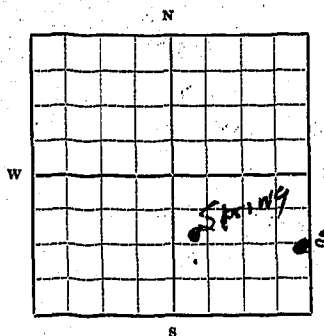
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

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

STATE ENGINEER

1. John Mckling, of Hardin Mont.
(Name of Appropriator) (Address) (Town)
County of Big Horn Co. State of _____
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 29 T. 1N R. 39

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 _____

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

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

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

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

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 Surface Flow

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

10. The estimated amount of groundwater withdrawn each year _____

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

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

Signature of Owner John Mckling

Date Jan 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.

26949

206663

STATE OF MONTANA } ss:
County of Big Horn

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

DEC 31 1963 day of

A. D. 19

at 3:37 o'clock P. M.

Harvey E. Carl
County Recorder

By *Randy Weirple* Deputy

File No.

DUPLICATE

T. 1 N. R. 39E.

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

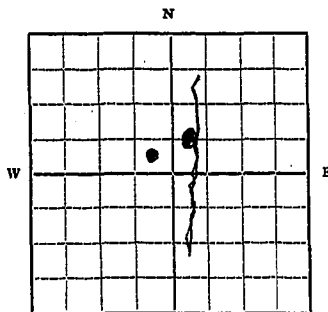
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 8 1963
STATE ENGINEER

1. Margaret Dyckman, of Sarpy Area Hysham
(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:



1951 well SW 1/4 NE 1/4
1960 well SE 1/4 NW 1/4 Sec. 30. T. 1 N. R. 39 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 1951 well
is for home use. 1960 well is for livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1951 well use began in Sept.
Sept. 5, 1951. 1960 well use began May 13th
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1951 well produces about 20 gal per min.
1960 well produces about 12 gallons per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Submargable
pump. Both wells. Both located near center of Sec.
30. One on flat ground.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 10th to May 13, 1960 and June 10th thru June 14, 1951.
8. The depth of water table 1960 well -- 80 ft. 1951 well 30 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 Cable drilled 1 1/2" black casing
depth 148' 1/2 horse submergeable engine pump 1960 well
1951 well depth is 160 ft.
10. The estimated amount of groundwater withdrawn each year 100,000 gallons each
11. The log of formations encountered in the drilling of each well if available 0-22' sandy clay
22'-60' grey shale, 60'-98' sandy shale, 98' to 148' sand rock (water) 10 gal. per M.
water level 80' Draw down 120'
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 Well no. K d by Range Conservation
office of Big Horn Co., Hardin.

Signature of Owner Margaret Dyckman
Date Dec. 5th, 1962

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

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

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

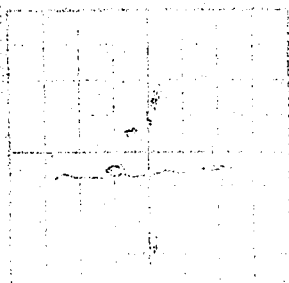
201849

RECEIVED
JAN 10 1963

STATE OF MONTANA ss.
County of Big Horn
The within instrument was filed
in my office at Hardin, Montana, this
JAN 7 1963 day of

A. D. 19
at 11:40 o'clock A.M.
Harvey E. Cook
County Recorder
By Ruby W. Sample Deputy

JAN 10 1963



RECEIVED

County

DRILLER'S LOG

APR 3 1972

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

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.

(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 Acid Dyckman
Address Hydram, Mont

For Administrator's Use

File 235265
March 31, 1972 10:00am

Date well started 3-23-72
completed 3-24-72

GW 1

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

Equipment used Rotary
(Churn drill, rotary or other)

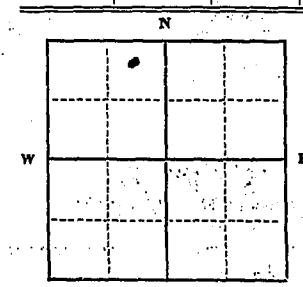
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
6 1/4"	PVC (heavy) Plastic	179'		Kind Size From (Feet) To (Feet)
				Shed 155 170



Static water level 65 ft.*
Pumping water level 65 ft.*
at 18 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by bailing
for 2 hours.
Power Electric Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
Packer

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

Driller's Signature M. E. Weirich
Driller's Address 916 So. Taylor, Glendine

LICENSE NO. 223

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
0	85
85	105
105	115
115	157
157	165
165	179

yellow clay and sand
stone
blue clay
white shale
blue clay
sand and very gravel
blue clay
not very thin
good stronger
@ 146

179' Show exact depth of bottom

50,137

File No.

T. 1 R. 39

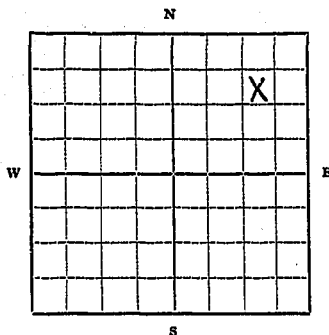
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County Big Horn
RECEIVED
JAN 6 1964
STATE ENGINEER

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

1. Forrest L. Bass, of Hyndean, (Name of Appropriator) (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 $\frac{1}{4}$ Sec. 31 T. 39 R. 39
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 well
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Sept 1943 and used
Eight months per year since
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
Not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pump and motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Sept 1943
8. The depth of water table
175 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
None other at this time
10. The estimated amount of groundwater withdrawn each year
216000 gallons
11. The log of formations encountered in the drilling of each well if available
None available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
No other information available

Signature of Owner Forrest L. Bass
Date Dec 26-1963

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

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

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

21686

206325

STATE OF MONTANA } ss.
County of Big Horn }

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

DEC 27 1963 day of

A. D. 19

at 11³² o'clock A.M.

Harry E. Cox
County Recorder

By *Gladie L. Smith* Deputy

File No.

DUPLICATE

T. 10 R. 39

County.....

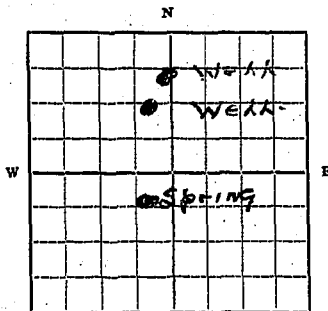
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

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

STATE ENGINEER

John Mehling of *Hardin Mont.*
(Name of Appropriator) (Address) (Town)
County of *Big Horn Co.* State of *Mont.*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 27 1N 29.
SW 1/4 1/4 27 Sec. 29 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

Domestic & Livestock

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

since April 1959

& 1930

4. The amount of groundwater claimed (in miner's inches or gallons per minute) *Wells - 5 gal. min.*

Spring - 2 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 *Electric*

pump on wells

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *1959 & 1930*

8. The depth of water table *18 ft wells*

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 *48 ft*

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

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

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

Signature of Owner *John Mehling*

Date *Jan 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.

26951

206665

STATE OF MONTANA } ss.
County of Big Horn }

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

DEC 31 1963 day of

A. D. 19

at 3:39 o'clock P.M.

Harold E. Cox
County Recorder

By Ruby Wemple Deputy

File No.

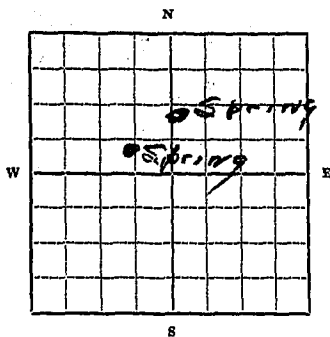
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

County Beaver
JAN 8 1964
STATE ENGINEER

1. John Mchling of Gardiner Mont.
(Name of Appropriator) (Address) (Town)
County of Big Horn Co. State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/4 Sec. 33 T. 14 R. 37

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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Since 1770
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 Surface
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 Surface
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 Natural flow
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well if available X
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 John Mchling

Date Jan 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.

26950

206664

STATE OF MONTANA }
County of Big Horn }

The within instrument was filed
in my office at Hardin, Montana, this
DEC 31 1963 day of

at 3:28 o'clock P.M. A. D. 19

Harry E. Cash
County Recorder
By *Ruby Temple* Deput

GROUNDWATER INDEX

Page 1 of 1

County Big Horn Twp. 15 Rge. 30E

[illegible]

200 Show exact depth of bottom

51, 40,

I, James L. Lippert, County Recorder
 do hereby certify that the within instrument was filed
 in my office at Hardin, Montana, this
25th day of September, 1972.
James L. Lippert County Recorder
Paul J. Lippert Deputy

BA0-73 (Temp)

RECEIVED

SEP 18 1972

WELL TEST DATA MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATIONWell No. 1 West BoundMontana Highway Commission
ReservationMr. Ken Bowersox
Head of HouseholdDate of Test April 4, 1972 Well Depth 200 Casing Size 6" ID

Began test at 6:15 PM Time from Start of Test, min.	Flow from Well, g.p.m.	All Measurements from Top of Casing Distance to Water, ft.	Drawdown, ft.
6:15 - 6:30	12	6:15 @ 51½'	
		6:30 @ 60'	8½'
6:30 - 6:45	12	64'	12½'
6:45 - 7:00	12	64'	12½'
7:00 - 7:15	15	70'	18½'
7:15 - 7:30	15	70'	18½'
7:30 - 7:45	17.6	73'	21½'
7:45 - 8:00	17.6	76'	24½'
8:00 - 8:30	17.6	76'	24½'
8:30 - 8:45	20	79'	27½'
8:45 - 9:15	20	82'	30½'
9:15 - 9:30	20	82½'	31'
9:30 - 10:30	20	85'	34'
10:30 - 11:00	20	86'	35'
11:00 - 11:30	20	86'	35'
11:30 - 12:00	20	86'	35'
12:00 - 12:30	22.5	87'	36'
12:30 - 1:00	22.5	87'	36'
1:00 - 1:30	25	102'	51'
1:30 - 2:00	25	117'	66'

51,401

Well No. 1 West Bound

Reservation

Head of Household

Date of Test _____ Well Depth _____ Casing Size _____

51,401

51,402

WALLACE & GROMMET

By Joseph A. [Signature] Deputy

WELL TEST DATA

Montana Highway Commission

Well No. 2 East Lane Bighorn Rest Area

Date of Test: September 12 & 13, 1972

Well depth 83 ft. Casing size: 6" I.D.
all measurements from top of casing

Beginning of test: 12:30 p.m.

static water level 27' at start of test

Time from start of Test, min.	Flow from Well, g.p.m.	Distance to Water, ft.	Drawdown, ft.
12:30-1:00 p.m.	8	30	2
1:00-1:30	15	33	5
1:30-2:30	25	45	17
2:30-3:30	30	47	19
3:30-4:30	42	69	42
4:30-5:30	42	69	42
5:30-6:30	42	69	42
6:30-7:30	42	69	42
7:30-8:30	42	69	42
8:30-9:30	42	69	42
9:30-10:30	42	69	42
10:30-11:30	42	69	42
11:30-12:30	42	69	42
12:30-1:30 a.m.	42	69	42
1:30-2:30	42	69	42
2:30-3:30	42	69	42
3:30-4:30	42	69	42
4:30-5:30	42	69	42
5:30-6:30	42	69	42
6:30-7:30	42	69	42
7:30-8:30	42	69	42
8:30-9:30	42	69	42
9:30-10:30	42	69	42
10:30-11:30	42	69	42
11:30-12:30 p.m.	42	69	42

tested 21 hours

RECEIVED

SEP 18 1972

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

51,402

236780

NOTICE
COUNTY
RECORDERS
MONTANA

STATE OF MONTANA
County of Big Horn

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

day of

SEP 15 1972 A.D. 19

at 3:00 o'clock P.M.

James L. Lippert
County Recorder

Ruby L. Lippert Clerk

BAO-73 (Temp)

RECEIVED

SEP 18 1972

WELL TEST DATA

MONTANA HIGHWAY COMMISSION
RESERVATION

Well No. 1 East Bound

Montana Highway Commission
ReservationMr. Ken Bowersox
Head of Household

Date of Test 9/25/72

Well Depth 80'

Casing Size 6" ID

Time from Start of Test, min.		Flow from Well, g.p.m.	All Measurements from top of Casing.	
			Distance to Water, ft.	Drawdown, ft.
4:15 - 4:25		10	50'	10'
4:25 - 4:35		6	45'	5'
4:35 - 5:15		8.5	49 1/2'	9 1/2'
5:15 - 5:45		10	53'	13'
5:45 - 6:15		10	53 1/2'	13 1/2'
6:15 - 6:45		12	58 1/2'	18 1/2'
6:45 - 7:50		13.6	72'	32'
7:50 - 9:00		12	72'	32'
9:00 - 9:30		12	72'	32'
9:30 - 10:30		12	72'	32'
10:30 - 11:30		12	72'	32'
11:30 - 12:15		12	72'	32'
Well recovered at 2' per minute to 52' and then recovered at 1' per minute to 40'. Totally recovered at 12:40.				

51,400

File No.

T. 15 R. 30 E

County Big Horn

DUPLICATE
RECEIVED

JUN 26 1973

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

Notice of Completion of Groundwater Appropriation
Without Well

(Revised Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Fall 1962

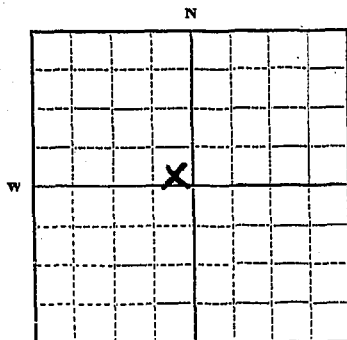
Owner Frances Shauls Address Ballantine, MONT.

Contractor (if any) SELF

Address of Contractor Ballantine, MONT.

Date Started Fall 1962 Date Completed Fall 1962

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



SE 1/4 NW 5 T. 15 R. 30 E
Indicate point of appropriation
and place of use, if possible.

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.

3 gallons per minute

240417
June 20, 1973
10:45 A.M.

Signature of Owner Frances Shauls

Date June 13, 1973

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.

53,902

240417

STATE OF MONTANA }
County of Big Horn } ss.

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

_____ day of
JUN 20 1973 A. D. 19

at 10 45 o'clock A.M.

Joepe Lippert

County Recorder

By *Nancy Jones* Deputy

22 MAY 2 12 30E 3 Ballantyne Box Winete

1973 JUN 11 4:00 PM

1973 JUN 11 11:00 AM

Ballantyne Winete

2014

1973 JUN 11 11:00 AM

1973 JUN 11 11:00 AM

Ballantyne Winete

Big Horn
12 30E

File No. _____
DUPLICATE

RECEIVED

JAN 10 1972

T 15 R 30E

County Big Horn

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

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)

Owner Donald Shaules Address Ballantine, Montana

Driller Not Known Address _____

Date of Notice of Appropriation of Groundwater December 1, 1971

Received August 1, 1971

Date well started Not Known Date Completed Not Known

Type of well Not Known

(dug, driven, bored or
drilled)

Equipment Used Not Known

(Churn, drill, rotary or
other)

Doc. No. 234607

Filed for record

this 7 day of January

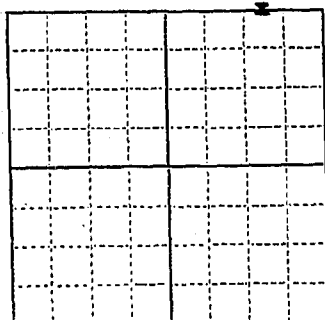
A. D. 19 72 at 8:20

o'clock A. M.

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"	6" Plastic	Surface	to 70'			



NE NE4 Sec 6 S T 15 R 30E

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 Not Known

Shut-in Pressure for Flowing Well Not Known

Pumping Water Level 70' gal. per minute.

Discharge in gal. per min. of Flowing Well

How Tested Pump Length of Test 1 Hour

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

Not Known

Driller's License Number

Driller's Signature

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

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

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

49,6992

234607

STATE OF MONTANA ss.
County of Big Horn

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

day of

JAN 7 1972

A.D. 19

at 8:20 o'clock AM.

Joe Lippert
County Recorder

By *Ruby Wengler* Deputy

Notarizing and being to which was filed in the year
of 1972 in the County of Big Horn, Montana, and the
same was duly acknowledged and filed in the
office of the County Recorder at Hardin, Montana,
this 7th day of January, 1972.

☐ Notarizing
☒ Acknowledgment
☐ Filing
☐ Recording
☐ Indexing
☐ Other

Notary Public
for the State of Montana
My Comm. Expires
at Hardin, Montana
M. Wengler

53,904

STATE OF MONTANA
County of Big Horn

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

day of

A.D. 19

10 35 o'clock A.M.

Jorge Lissart
County Recorder

County Recorder

By Nashley Jones Deputy

On 10/10/57 2/25/62

W-2

Page 1 of 1

15/11/1965

Dr. J. H. Hill

[illegible]

24/12 000 000 / 1 000 000 ASSOCIATED AMPLIA DETAILING

00
P/O
1000
1000

20

075
-30
-11
058
001
002
-11
9
0016

RECEIVED

JUN 20 1973

GAZETTE PRINTING

9

File No.

DUPLICATE

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

T 15 R 30 E

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

CLERK

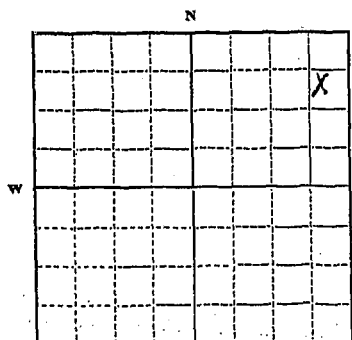
Date of Appropriation of Groundwater Spring 1961

Owner Frances Shauls Address Ballantine, MONT.

Contractor (if any) NOT KNOWN

Address of Contractor NOT KNOWN

Date Started NOT KNOWN Date Completed NOT KNOWN



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. THIS IS A DAM AND IS FILLED FROM RUN OFF.

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

estimate approximate lengths of periods of use.

Approx 100,000 gallons per year

NE 1/4 Sec. 9 T. 15 R. 30 E
Indicate point of appropriation and place of use, if possible.

240416
June 20, 1973
10:40 A.M.

Signature of Owner

Frances Shauls

Date June 13, 1973

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; Triuplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

53,903

240416

STATE OF MONTANA } ss.
County of Big Horn }

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

_____ day of

JUN 20 19/3 A. D. 19

10 40 o'clock M.

Joyce L. Lippert
County Recorder

By *Nancy Jones* Deputy

RECORDED 12 12 30E

12 12 30E
100.000
111.000

12 12 30E
100.000
111.000

12 12 30E

GROUNDWATER INDEX

Page 1 of 1

County Big Horn Twp. 15 Rge. 32 E

[illegible]

File No.

DUPLICATE

508130

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

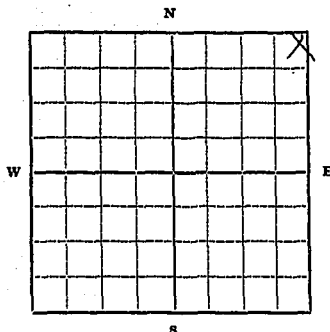
T. 1 S. R. 32 East
County Big Horn

RECEIVED
JAN 8 1964

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

1. A. S. Randall of Hardin
(Name of Appropriator) (Address) (Town)

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



Sec 7 NE 1/4 NE 1/4 Sec 6 T15S R32E

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 line stock

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

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

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 Power

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 5-4 years

8. The depth of water table 40 ft 4 feet water

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 40 ft deep

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

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

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

Signature of Owner A. S. Randall

Date Dec 6 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.

21603

206120

STATE OF MONTANA } ss.
County of Big Horn }

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

DEC 17 1963 day of

A. D. 19

at 10:50 o'clock A.M.

Harvey E. Carl
County Recorder

By Ruby Wemple Deputy

File No.

T. R.

QUADRUPLICATE
MONTANA WATER RESOURCES BOARD
RECEIVED

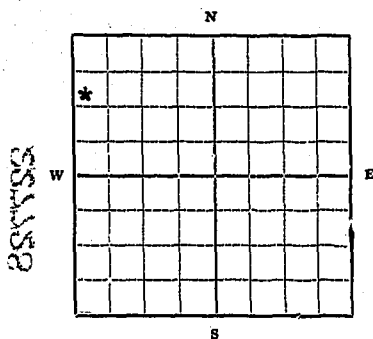
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 2 1969

County Big Horn

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

1. Anna Kincaid of Route 1, Hardin
(Name of Appropriator) (Address) (Town)
County of Big Horn State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based Water for Livestock

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 85 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 Artisan

7. ~~The date~~ of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Approximate date of commencement: April 1, 1969
Approximate date of completion: July 20, 1969

8. The depth of water table 3690 -- 3740 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 other water well in this section

10. The estimated amount of groundwater withdrawn each year 44,676,000 Gal. per year

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

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 Anna Kincaid

Date November 26, 1969

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.

45925

No. 11:

Depth

Formation

900	Frontier Sand
1700	Black Shale
1730	Muddy 1
2545	Dakota Silt
2760	Lakotaa
2810	Morrison
2950	Red Beds
3400	Limestone
3520	Red Shale
3690	Ten Sleep
3740	Production of Water

DEC 3 1908

James C. [Signature]
County Clerk
By *[Signature]* Deputy

at 3:40 o'clock P.M.

NOV 26 1908
day of

STATE OF MONTANA
County of Big Horn ss.

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

227728

RECEIVED

County Big Horn ?3

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

JUN 26 1972

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.

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 Robert Downs

Address Warden Montana

Date well started Oct 10, 1968

completed Dec 10, 1968

Type of well drilled

Equipment used rotary

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☒

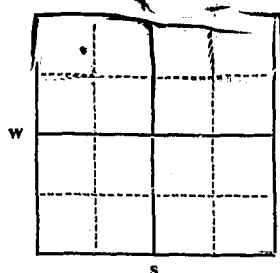
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>8"</u>	<u>7" 14#</u>	<u>0</u>	<u>3750</u>		<u>3650</u>	<u>3780</u>



NW 1/4 Sec. 23
T. 15 N. R. 32 E.
S W

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

Driller's Signature Robert Downs

Driller's Address Box 337

LICENSE NO. 187

Top of Ground (Elev. above sea level) 3410

From (Feet)	To (Feet)	
<u>0</u>	<u>600</u>	<u>shale</u>
<u>600</u>	<u>800</u>	<u>fractured sand</u>
<u>800</u>	<u>1000</u>	<u>shale</u>
<u>1000</u>	<u>1200</u>	<u>shale</u>
<u>1200</u>	<u>1400</u>	<u>shale</u>
<u>1400</u>	<u>1600</u>	<u>shale</u>
<u>1600</u>	<u>1800</u>	<u>shale</u>
<u>1800</u>	<u>2000</u>	<u>shale</u>
<u>2000</u>	<u>2200</u>	<u>shale</u>
<u>2200</u>	<u>2400</u>	<u>shale</u>
<u>2400</u>	<u>2600</u>	<u>shale</u>
<u>2600</u>	<u>2800</u>	<u>shale</u>
<u>2800</u>	<u>3000</u>	<u>shale</u>
<u>3000</u>	<u>3200</u>	<u>shale</u>
<u>3200</u>	<u>3400</u>	<u>shale</u>
<u>3400</u>	<u>3600</u>	<u>shale</u>
<u>3600</u>	<u>3800</u>	<u>shale</u>
<u>3800</u>	<u>4000</u>	<u>shale</u>
<u>4000</u>	<u>4200</u>	<u>shale</u>
<u>4200</u>	<u>4400</u>	<u>shale</u>
<u>4400</u>	<u>4600</u>	<u>shale</u>
<u>4600</u>	<u>4800</u>	<u>shale</u>
<u>4800</u>	<u>5000</u>	<u>shale</u>
<u>5000</u>	<u>5200</u>	<u>shale</u>
<u>5200</u>	<u>5400</u>	<u>shale</u>
<u>5400</u>	<u>5600</u>	<u>shale</u>
<u>5600</u>	<u>5800</u>	<u>shale</u>
<u>5800</u>	<u>6000</u>	<u>shale</u>
<u>6000</u>	<u>6200</u>	<u>shale</u>
<u>6200</u>	<u>6400</u>	<u>shale</u>
<u>6400</u>	<u>6600</u>	<u>shale</u>
<u>6600</u>	<u>6800</u>	<u>shale</u>
<u>6800</u>	<u>7000</u>	<u>shale</u>
<u>7000</u>	<u>7200</u>	<u>shale</u>
<u>7200</u>	<u>7400</u>	<u>shale</u>
<u>7400</u>	<u>7600</u>	<u>shale</u>
<u>7600</u>	<u>7800</u>	<u>shale</u>
<u>7800</u>	<u>8000</u>	<u>shale</u>
<u>8000</u>	<u>8200</u>	<u>shale</u>
<u>8200</u>	<u>8400</u>	<u>shale</u>
<u>8400</u>	<u>8600</u>	<u>shale</u>
<u>8600</u>	<u>8800</u>	<u>shale</u>
<u>8800</u>	<u>9000</u>	<u>shale</u>
<u>9000</u>	<u>9200</u>	<u>shale</u>
<u>9200</u>	<u>9400</u>	<u>shale</u>
<u>9400</u>	<u>9600</u>	<u>shale</u>
<u>9600</u>	<u>9800</u>	<u>shale</u>
<u>9800</u>	<u>10000</u>	<u>shale</u>

Show exact depth of bottom

50,000

236133

STATE OF MONTANA
County of Big Horn

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

23 day of June 1972 A. D. 19

at 2:55 o'clock P.M.

Joepe Lippert
County Recorder
By *Ruby Sample* Deputy