206528

STATE OF MONTANA }
County of Big Horn } ss.

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

DEC 31 1969 day of

A. D. 19

at 10 o'clock A.M.

Harry E. Cox
County Recorder

By Gollie L. Smith Deputy

16

T..... R.....

County.....

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: A. G. Ballensky Address: Hardin

Driller: Henry Kray Address: Hardin

Date Started: 2-15-61 Date Completed: 4-21-61

Location: Sec. 16 T. 6 S. R. 31 E. ¼ sec. NW¼-SE¼

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

Water use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [X]

Industrial [ ] Drainage [ ] Other:

Casing: 0 ft. to 64'4" ft. Type: Std. BLK. Size: 8"

Casing: 0 ft. to 347' ft. Type: R.W. Calv. Size: 6"

Casing: 0 ft. to 421 ft. Type: Std. Calv. Size: 4"

Perforated or Screened: Ft. 400 to ft. 421 Ft. to ft.

Type of screen or perforations: Torch Slot

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

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

Cement pumped between 8 and 6

197617

STATE OF MONTANA
County of Big Horn } ss.

The within instrument was filed in my office at Hardin, Montana, this JAN 16 1962 day of A.D. 19__ at 4:00 o'clock P.M.

County Recorder

By Deputy

Log of Well

Depth, feet From	To	Description of Material Drilled
0	2	Top Soil
2	24	Red clay gravel & bolders
24	40	Grey " " "
40	44	Pea gravel & silt - water 10 GPM
44	49	Yellow Clay
49	218	Dark shale
218	225	Bentonite
225	250	Red Clay
250	255	Green shale - caved
255	300	Red Clay
300	340	Lite shale
340	345	Bentonite
345	355	Hard rock
355	355	Bentonite
355	395	Red Clay
395	400	Shell
400	447	Sand

GW

File No.....

DUPLICATE

T 6 S R 31 E

County Big Horn

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

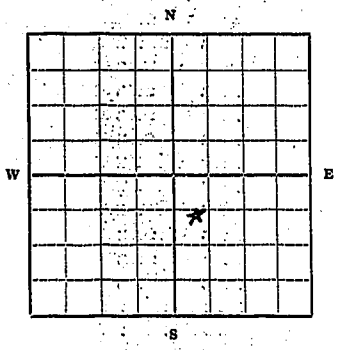
OFFICE OF STATE ENGINEER

RECEIVED JAN 17 1962 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. A. G. Ballensky (Name of Appropriator), of 403 North Terry, (Address) Hardin, (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:



NW¼ SE¼ Sec. 16 T. 6S. R. 31 E M.P.M.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres. point of appropriation ..... place of us.....NW¼SE¼, Sec. 16, T. 6 S., R. 31 E., M.P.M.

2. The beneficial use on which the claim is based Domestic use by individual consumers and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 21, 1961, for domestic consumption by individual household users and for irrigation purposes upon the above-described lands.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 110 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 NW¼SE¼ of Section 16, Township 6 South, Range 31 East, M.P.M., 40 acres, A. G. Ballensky owner.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Presently artesian flow - NW¼SE¼ of Section 16, Township 6 South, Range 31 East, M.P.M.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Date of commencement: February 15, 1961
Date of completion: April 21, 1961.

8. The depth of water table 400 feet to 440 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 from surface to 421 feet-perforated from 400 feet to 421 feet.

10. The estimated amount of groundwater withdrawn each year 110 gallons per minute.

11. The log of formations encountered in the drilling of each well if available Log is hereto attached and by reference hereby made a part hereof.

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 A G Ballensky

Date January 2, 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.

1165.

GW 4

File No. .....

DUPLICATE

T. 68 R. 31E

County Big Horn

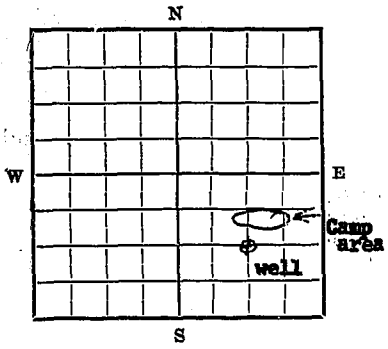
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. United States of America, of Box 2553 Billings
(Name of Appropriator) (Address) (Town)
County of Yellowstone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



.....¼..... Sec. 17 T. 68 R. 31E

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 for contractor's camp.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Earliest use was November 1, 1961, and the use has been continuous since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gpm of which 16 gpm is artesian flow

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 NA

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Work was done during July and August 1961 and pump installed immediately upon completion.

8. The depth of water table None - artesian 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 Churn drill hole, 520 feet deep with 5-inch casing installed for entire depth - water is pumped by an electric pump into a 50,000 gallon storage tank.

10. The estimated amount of groundwater withdrawn each year 162 acre-feet

11. The log of formations encountered in the drilling of each well if available Entire well is thought drilled in Thermopolis shale (upper Cretaceous)

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 water is used for domestic, household, stockwatering, and similar uses by employees of the United States, or its agents in connection with the contractor's camp and operation of the Yellowtail Dam Federal Reclamation Project.

United States of America
Signature of Owner [signature]
Regional Director, Region 6, Bureau of Reclamation
Date December 3, 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.

9050

File No. .....

DUPLICATE

206014

STATE OF MONTANA } ss.
County of Big Horn }

The within instrument was filed in my office at Hardin, Montana, this Dec 12 1963 day of ..... A.D. 19 ..... at 11:15 o'clock A.M.

County Recorder

By ..... Deputy

T. 3S R. 34E

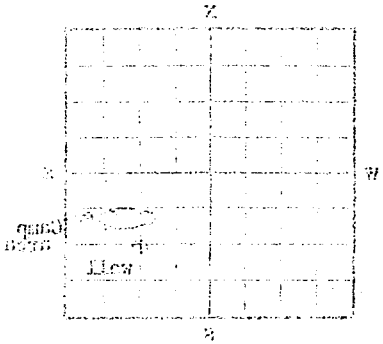
County Big Horn

(Under Chapter 37, Laws of Montana, 1961)

1. United States of America, of Hardin, Billings (Name of Appropriator) (Address) (County)

County of Yellowstone State of Montana

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



Indicate point of appropriation and place of use. If possible, fix each small square representing 10 acres.

2. The intended use or purpose for which the claim is based domestic and for irrigation of crops.

3. The name of the stream or other source of supply and the name of the watershed in which the claim is located. Underground water. Not a tributary of any stream. Instituted use on November 1, 1961, and the use has been continuous since.

4. The amount of water claimed (in cubic feet per second or gallons per minute) 100 gpm of which 10 gpm is maintain flow

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 NA

6. The means of withdrawing each appropriation from the ground and the location of each well or other means of withdrawal. Utilize well turbine pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Work was done during July and August 1961 and pump installed immediately upon completion.

8. The depth of water table – None – artesian 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. Open drill hole, 520 feet deep with 3-inch casing installed for entire depth. Water is pumped by an electric pump into a 50,000 gallon storage tank.

10. The ..... (total) amount of groundwater withdrawn each year ..... 162 acre-feet

GW-4

File No. .....

DUPLICATE

T. 68 R. 31E

County Big Horn

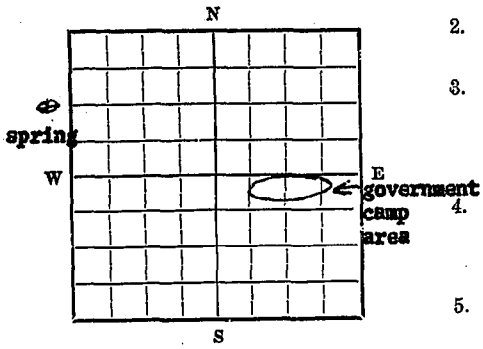
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. United States of America, of Box 2553 Billings
(Name of Appropriator) (Address) (Town)
County of Yellowstone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



.....¼..... Sec. 17 T 68 R 31E

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 of Ft. Smith Government camp.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Earliest use was November 1, 1961, and use has been continuous since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 160 gpm by spring and adjacent well. Separate filing made for well.

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 NA

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Collection gallery and pump.
NOTE: Spring & well located within 20 feet of each other.

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

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 Water is collected in a 10 foot square sump and pumped to a 100,000 gallon storage tank by two-75 gpm electric pumps. Water from adjacent well is pumped into same sump and same delivery system.

10. The estimated amount of groundwater withdrawn each year 258 acre-feet by spring and well combined.

11. The log of formations encountered in the drilling of each well if available Surface supply centralized by collection gallery.

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 water is used for domestic, household, stockwatering, and similar uses by employees of the United States, or its agents in connection with construction and operation of the Yellowtail Dam Federal Reclamation Project.

UNITED STATES OF AMERICA
Signature of Owner [signature] ×
Regional Director, Region 6, Bureau of Reclamation
Date December 3, 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.

9049

The No. _____

DUPLICATE

206013

STATE OF MONTANA } ss.
County of Big Horn

The within instrument was filed in my office at Hardin, Montana, this DEC 1 2 1963 day of A.D. 19__ at 10:00 o'clock A.M.

County Recorder

By _____ Deputy

1. United States of America (Name of Appropriator) of Box 3553 (Address) Billings (Town)

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

2. The beneficial use to which the water is put is domestic use of Mr. Smith Governor of ...

3. The approximate date of the beneficial use of the water and how long it has been in use. The use has been continuous since November 1, 1961, and has been continuous since.

4. The source of groundwater each of the wells below is gallons per minute (gpm) 100 gpm by spring and different well. Separate filing made for well.

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

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

NOTE: Spring & well located within 20 feet of each other.

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

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 Water is collected in a 10-foot square sump and pumped to a 100,000 gallon storage tank by two-70 gpm electric pumps. Water from second well is pumped into same sump and same delivery system.

N

W

E

S

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

11. See 17 T6S R21E

T. 6S R. 21E

County Big Horn

GW-4

File No. .....

DUPLICATE

T. 6S R. 31E

County Big Horn

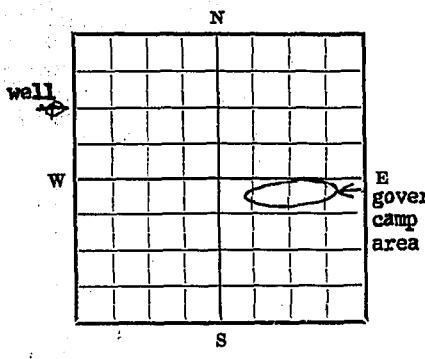
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. United States of America (Name of Appropriator), of Box 2558 (Address) Billings (Town)
County of Yellowstone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



¼ Sec. 17 T. 6S R. 31E
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 of Ft. Smith Government camp.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Earliest use was November 1, 1961, and use has been continuous since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 160 gpm by well and adjacent spring. Separate filing made for 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 NA

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump. NOTE: Spring & well located within 20 feet of each other.

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

8. The depth of water table 26'

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" hole originally 134 feet deep but backfilled to about 70 feet, well is pumped by a 60 gpm electric pump and discharges into spring sump. Spring - water is then collected in a 10 foot square sump and pumped to a 100,000 gallon storage tank by two-75 gpm electric pumps.

10. The estimated amount of groundwater withdrawn each year 258 acre-feet by well and spring combined.

11. The log of formations encountered in the drilling of each well if available 0' to 13.2' - overburden 13.2' to 133.2' - Amsden Formation (Pennsylvanian) and 133.2' to 134' - Madison Limestone (Mississippian).

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 water is used for domestic, household, stockwatering, and similar uses by employees of the United States, or its agents in connection with construction and operation of the Yellowtail Dam Federal Reclamation Project.

UNITED STATES OF AMERICA
Signature of Owner [signature]
Regional Director, Region 6, Bureau of Reclamation
Date December 3, 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.

9048

206012

DUPLICATE

STATE OF MONTANA } ss.
County of Big Horn

The within instrument was filed in my office at Hardin, Montana, this DEC 1 2 1963 day of ..... A. D. 19 ..... 9:55 o'clock A. M.

County Recorder

By ..... Deputy

T. ..... R. ..... E. .....

County, Big Horn

STATE OF MONTANA

(Date of application leave, 1961)

Filed Serial No. ..... (Name of Appropriator) ..... Book ..... (Address) ..... Billings (Town)

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

1. The beneficial use on which the claim is based ..... domestic use.

2. Date of commencement of actual beneficial use and how continued thereafter the use has been ..... Portland ..... was November 1, 1957, and use has been continuous since.

3. Amount of quantity claimed (in inches, feet, or gallons per minute) ..... 100 gpm ..... by well and adjacent irrigation.

4. Purpose ..... Stock water for sprinkling.

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner ..... Not.

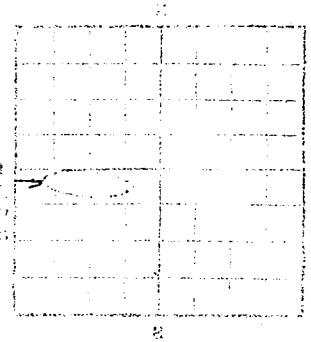
6. The source of withdrawing such water from the ground (in which subdivisions of section, township and range) ..... Spring & well located within 20 feet of each other.

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

8. The depth of water table ..... 30'.

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" hole originally 135 feet deep but backfilled to about 70 feet. Well is pumped by a 60 gpm electric pump and discharges into spring area. Spring - water is then collected in a 10 foot square area and pumped to a 100,000 gallon storage tank by two 75 gpm electric pumps.

10. The estimated amount of groundwater withdrawn each year 258 acre-feet by well and spring.



11. Sec. 17 T. 6S R. 31E

Indicate point of appropriation and place of use. If possible, draw small square representing 10 acres.

GW 1

Approved Stock Form—State Publishing Co., Helena, Montana—38496

File No. ..... T. 6S R. 31E

TRIPLICATE

wrong copy should be duplicate

County ..... Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAY 4 1962
STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, U.S. Department of the Interior, Bureau of Reclamation in the name of the United States of America (Name of Appropriator) of Box E, (Address) Hardin (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 domestic water supply

(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 150 g.p.m., maximum

4. The annual period (inclusive dates) of intended use entire year

5. The probable or intended date of first beneficial use July 1, 1962

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

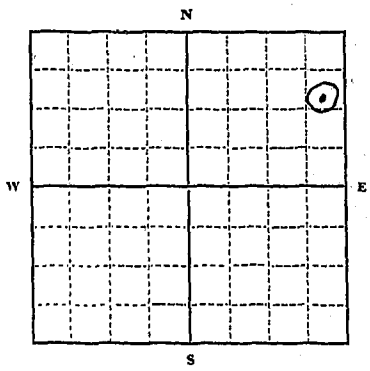
Commencement - May 20, 1962; Completion - June 30, 1962

7. The location, type, size and depth of well or wells contemplated Government Community at Fort Smith - located 45 miles southwest of Hardin, Montana. One cased well with diameter from 10 to 14 inches, inclusive to depth of about 300 feet.

8. The probable or estimated depth of the water table or artesian aquifier Between 30 and 70 feet and 145 and 300 below ground surface elevation.

9. Name, address and license number of the driller engaged Contract for drilling will be awarded as a result of competitive bidding on U.S.B.R. Specifications No. 640C-7(SF).

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



NE ¼ Sec. 18 T. 6S. R. 31E.
Locate well or other means of development as accurately as possible on map here.

Signature of Appropriator [signature]
Regional Director
Date MAY - 1 1962

* As defined in the Code Sec. 1 (e) "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."

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

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

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

565.

198958

STATE OF MONTANA
County of Big Horn } ss.

The within instrument was filed in my office at Hardin, Montana, this MAY 3 1962 day of ..... A. D. 19..... at 8:25 o'clock A.M.

Harry E. Cash
County Recorder

By Ruby Wemple Deputy

GW-4

File No. .....

DUPLICATE

T. 68 R. 31E

County Big Horn

18

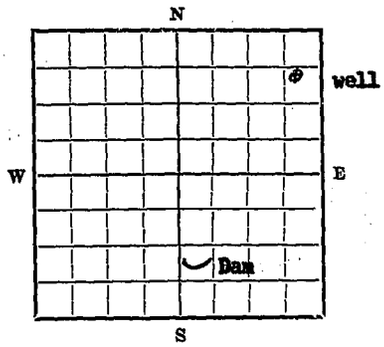
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. United States of America, of Box 2553 Billings
(Name of Appropriator) (Address) (Town)
County of Yellowstone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



.....¼..... Sec. 18 T. 6S R. 31E

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 water necessary for construction of Yellowtail Dam.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Earliest use was October 1961 and use has been continuous since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300 gpm of which 50 gpm is artesian flow.

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 NA

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater work was done during September 1961 and pump installed immediately.

8. The depth of water table None - 50 gpm artesian 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 rotary drill hole, 482 feet deep and 11 3/4 inch diameter - water is pumped into a collection gallery and from there pumped as needed into the dam.

10. The estimated amount of groundwater withdrawn each year 485 acre-feet

11. The log of formations encountered in the drilling of each well if available 0' to 44' - Alluvium
44' to 112' - Amsden Formation (Pennsylvanian)
112' to 482' - Madison Limestone (Mississippian)

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 water is currently used in construction of Yellowtail Dam. It will later be used for domestic, household, stockwatering, and similar uses by employees of the United States, or its agents in connection with operation of Yellowtail Dam Federal Reclamation Project.

UNITED STATES OF AMERICA
Signature of Owner [signature]
Regional Director, Region 6, Bureau of Reclamation
Date December 3, 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.

9051

206015

STATE OF MONTANA } ss.
County of Big Horn

The within instrument was filed in my office at Hardin, Montana, this DEC 12 1963 day of A. D. 19 at 10:10 o'clock A.M.

County Recorder

By Ruby Wingate Deputy

File No.....

DUPLICATE

T 6S R 31 E., P.M., M.

County S Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

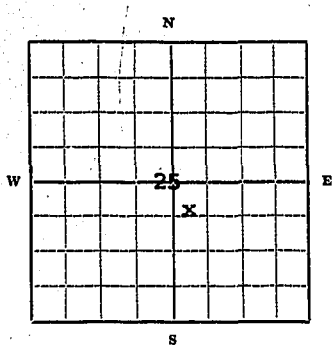
(Under Chapter 237, Montana Session Laws, 1961)

BERT ELLIOTT TRUST ESTATE

HAROLD G. STANTON, Trustee of the/, of Hardin, 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:



SE ¼ Sec 25 T.6S. R31E.P.M.,M.

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 1925-has been in continuous use since that date

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Has been in use many years--the undersigned does not know when completion was made.

8. The depth of water table 35 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 A six inch casing houses the pumping equipment. The well is approximately 35 feet deep

10. The estimated amount of groundwater withdrawn each year 600,000 gallons

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

Not available

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

Not applicable

TRUST ESTATE OF BERT ELLIOTT

Signature of Owner By: [signature]
Trustee

Date December 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.

26820

206529

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 10^02 o'clock A.M.

Harry E. Cox
County Recorder

By Hallie L. Dunnet Deputy

File No.....

DUPLICATE

T. 6 S. R. 31 E., P.M.,M.

County Big Horn

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.....

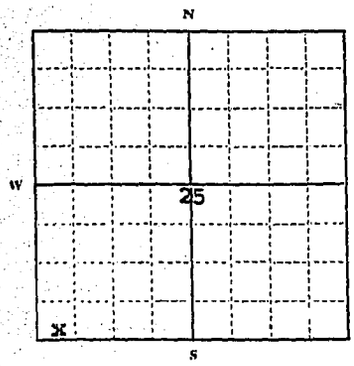
Owner HAROLD G. STANTON, Trustee of the TRUST ESTATE Address Hardin, Montana

Contractor (if any) None

Address of Contractor None

Date Started not applicable Date Completed not applicable

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 spring that is used for stock water and the groundwater is obtained by sub-irrigation and other natural processes.



SW ¼ Sec. 25 T. 6S. R. 31 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. 5 gallons per minute is the estimated use. The use is intermittent.

Signature of Owner TRUST ESTATE OF BERT ELLIOTT By: [signature] Trustee

Date December 20, 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.

26824

206533

TATE OF MONTANA }
County of Big Horn } ss:

The within instrument was filed in my office at Hardin, Montana, this DEC. 3 1963 day of A.D. 19

at 12:10 o'clock P.M.

County Recorder

By Deputy

36

File No.....

T. 6 S R. 31 E., P.M., M.

DUPLICATE

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

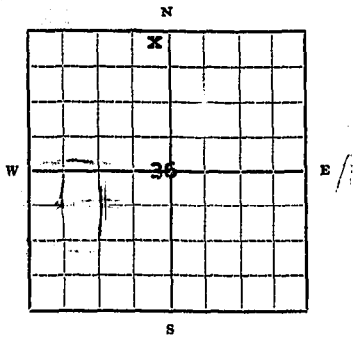
JAN 8 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

BERT ELLIOTT TRUST ESTATE
HAROLD G. STANTON, Trustee of the / , of Hardin, 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:



NW ¼ Sec. 36 T 6S R 31E. P.M., M.

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 1925-has been in continuous use since that date

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 applicable

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Has been in use many years-the undersigned does not know when completion was made.

8. The depth of water table 35 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 A six inch casing houses the pumping equipment. The well is approximately 35 feet deep

10. The estimated amount of groundwater withdrawn each year 600,000 gallons

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

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

TRUST ESTATE OF BERT ELLIOTT

Signature of Owner [signature] Trustee

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.

26821

206530

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 10:04 o'clock A.M.

County Recorder

By Gelda L. Smith Deputy

36

File No.....

T. 6 S R. 31 E., P.M.,M.

DUPLICATE

County Big Horn

RECEIVED
JAN 8 1964
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 29, 1963

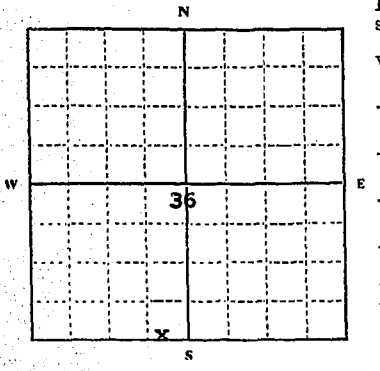
Owner HAROLD G. STANTON, Trustee of the BERT ELLIOTT TRUST ESTATE Address Hardin, Montana

Contractor (if any) None

Address of Contractor None

Date Started not applicable Date Completed not applicable

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 spring that is used for stock water and the groundwater is obtained by sub-irrigation and other natural processes.



SW ¼ Sec. 36 T. 6S R. 31 E., P.M.

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. 5 galloms per minute is the estimated use. The use is intermittent.

Signature of Owner TRUST ESTATE OF BERT ELLIOTT By: [signature] Trustee

Date December 20, 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.

26825

206534

STATE OF MONTANA
County of Big Horn } ss.

The within instrument was filed in my office at Hardin, Montana, this DEC 3 1 1969 day of A.D. 19__

at 10:00 o'clock A.M.

Harry E. Cox
County Recorder

By Joyce Lujan Deputy

GROUNDWATER INDEX

County Big Horn Twp. 6 S Rge. 32 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
5	Willett, Walter H.	GW4	206497	
10	Harney, Adell	GW4	206432	

File No. .....

T 6S R 32E

DUPLICATE

County .....

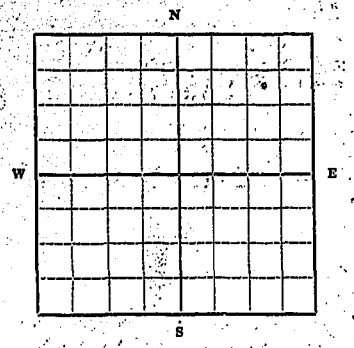
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Walter H. Willett (Name of Appropriator), of 3233 Country Club Circle (Address), Billings (Town)
County of Yellowstone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ NE ¼ Sec. 5 T. 6 R. 32E

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 Irrigation & Domestic

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 800 gals per min

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof uninterruptedly since 1948

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Depth of well approx 680'

8. The depth of water table

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

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

11. The log of formations encountered in the drilling of each well if available
Information 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 Walter H. Willett
Eva Willett

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.

26788

206497

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 8 54 o'clock A.M.

Fasny E. Cox
County Recorder

By Goldie Smith Deputy

File No.....

DUPLICATE

T. 68 R. 32 E. 10

County Big Horn

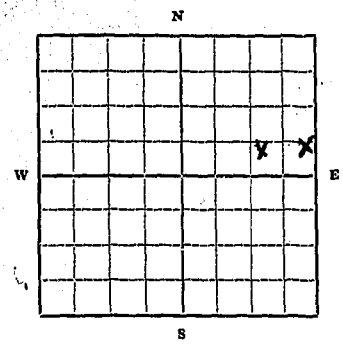
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

JAN 6 1964
STATE ENGINEER

1. Adell Garney (Name of Appropriator) of St. Xavier (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:



.....¼..... Sec. 10 T. 6 R. 32E

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 Household & Stock use

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) 9 gal per. for one well 30 gal for second well

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 One hand pump & one electric on larger 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 35 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
4" casing & pumps

10. The estimated amount of groundwater withdrawn each year 450,000 gal per year
230,000 gal on smaller well

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

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

Signature of Owner Adell Garney

Date 12-30-63

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

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

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

21763

206432

STATE OF MONTANA }
County of Big Horn } ss.

The within instrument was filed
In my office at Hardin, Montana, this
DEC 20 1968
day of
A. D. 19
at 3:10 o'clock P.M.

Mary E. Cox
County Recorder

By Ruby Wemple Deputy

GROUNDWATER INDEX

County Big Horn Twp. 6 S Rge. 33 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
16	Gorsuch, Adell	GW4	206430	
28	Green, Walter O., Jr.	GW4	206151	

File No.....

DUPLICATE

T. 68 R. 33E. 16

County Big Horn

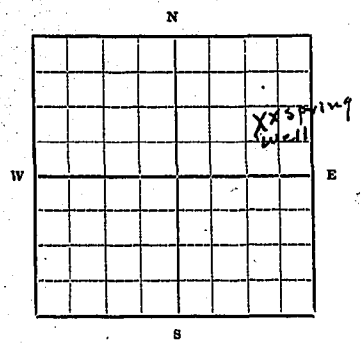
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 6 1984 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Adell Garney (Name of Appropriator), of St. Xavier (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 ¼ Sec. 16 T. 68 R. 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 Stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 9 gal
Spring flows during winter

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1948

8. The depth of water table 50 ft.

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

10. The estimated amount of groundwater withdrawn each year 250,000 gal per year

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

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

Signature of Owner Adell Garney

Date 12-30-63

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

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

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

21761

206430

STATE OF MONTANA }
County of Big Horn } ss:

The within instrument was filed in my office at Hardin, Montana, this DEC 30 1993 day of _____ A. D. 19____ at 3:00 o'clock P.M.

Harry E. Cai
County Recorder

By Ruby Wemple Deputy

File No. .....

T. 6 S R. 33 E

DUPLICATE

County Big Horn

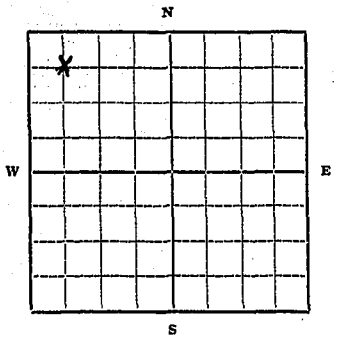
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Walter O. Green, 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:



NW ¼ NW ¼ Sec. 28 T. 6S. 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 watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been prior to 1935 and continuous use since

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 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 through two-inch pipe into stock watering 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 8 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 approximately 5,256,000 Gal.

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 Walter O. Green Jr.

Date December 16, 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.

21606

206151

TATE OF MONTANA (ss.
County of Big Horn (

The within instrument was filed
my office at Hardin, Montana, this
DEC 18 1963 day of
A. D. 19
3:15 o'clock P.M.

Mary E. Cash
County Recorder
Ruby Wemple Deputy

GROUNDWATER INDEX

County Big Horn Twp. 6 S Rge. 34 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
14	Stimpson, Harry	GW4	206721	
22	Epp, Henry Lee	GW4	206490	

File No. .....

DUPLICATE

T. 6S R. 34E

County Big Horn

14

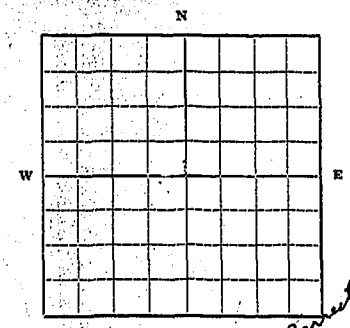
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 8 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harry Stimpson, 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:



2 wells in Sec 13 Corrected by Jones tract
1 well and the spring in Sec 12
1 res in Sec 13, 1 in Sec 11 and 1 in Sec 14
all are in T 6 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 Domestic and livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been The spring has always run 1 well 35 yrs, One 10 yrs, One 15 yrs. One reservior 30 yrs, one 20 yrs and one 3 yrs.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) There are 2 families and about 200 head of livestock using water

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 The spring flows and there are two electric water systems and two pumps with pump jacks

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater The 7 water supplies have been in use for from 3 to 35 years on all but the spring and it flows continusley

8. The depth of water table From 12 to 65 feet on the creek

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 Two wells are dug by hand and one is drilled with 6" casing. One of the electric water systems is hooked to the spring.

10. The estimated amount of groundwater withdrawn each year 700,000 to 1,000,000 gal.

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

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

Signature of Owner Harry Stimpson

Date 12-30-63

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

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

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

26987

206721

STATE OF MONTANA } ss.
County of Big Horn

The within instrument was filed in my office at Hardin, Montana, this JAN 3 1964 day of _____ A. D. 19____

at 8:30 o'clock A. M.

Harry E. Cash
County Recorder

By Ruby Wemple Deputy

File No.....

DUPLICATE

T 6S R 34E 22

County BIG HORN

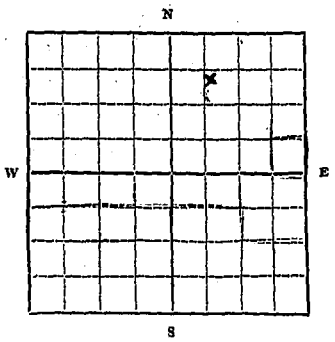
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. HENRY LEE ESP (Name of Appropriator), of LODGE GRASS (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/4NE/4 Sec. 22 T. 6S 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, HOUSEHOLD, POSSIBLE IRRIGATION

3. Date or approximate date of earliest beneficial use; and how continuous the use has been DEC. 1956 CONTINUOUS THRU 1963

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

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 TO BE 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 JACK

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

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 45 FT. TOTAL DEPTH
20 FT. 6 IN. CASING 25 FT. SLIP JOINT CASING

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

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

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 Henry Lee Esp
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.

26781

206490

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 8:40 o'clock A. M.

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

GROUNDWATER INDEX

County Big Horn Twp. 65 Rge. 35 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Westwood, Florence	GW4	206551	
1	Pattyon, Cyril & Letty	GW4	206474	
12	Shick, Lyle	GW2	234023	
13	Shaw, W. T., Jr.	GW4	206686	
13	Lix, Robert K.	GW4	206288	
13	Brazier, Robert B.	GW2	236925	
< 13	Faught, Jess, Jr.	GW2	233328	
21	Lynde, Myron & Eleanor	GW4	206298	
23	Forinanack, W. A.	GW4	206299	
24	Westwood, Hilda L.	GW4	206549	
27	Wagenaar, Wesley L.	GW2	236608	
27	Wagenaar, Wesley L.	GW3	236597	
* 13	Town of Lodge Grass	GW4	206685	
No #	Knight, Clara	GW4	206494	
* 13	Town of Lodge Grass	GW2	236764	
* 13	Graham, Glen & Martha	GW4	206773	
* 13	Brown, Murry	GW2	240645	
* 13	Cooley, George T.	GW4	206682	
* 13	Curry, Francis M. & Madonna	GW4	206192	
* 13	Shick, Kenneth	GW2	238411	

File No. .....

T. 6S R. 35E

DUPLICATE

County .....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

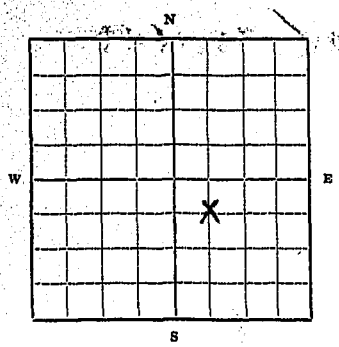
RECEIVED
JAN 8 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. FLORENCE WESTWOOD, of LODGE
(Name of Appropriator) (Address) (Town)

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



SW¼ NE¼ Sec. 1 T. 6S R. 35E

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
House hold + Stock

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

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

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
ARTISIAN + 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 .....

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
90 ft.

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 Florence Westwood

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.

26837

206551

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 1 20 o'clock P. M.

Harry E. Cox
County Recorder

By Goldie L. Smith Deputy

File No.....

T 6S R 35

DUPLICATE

County Big Horn

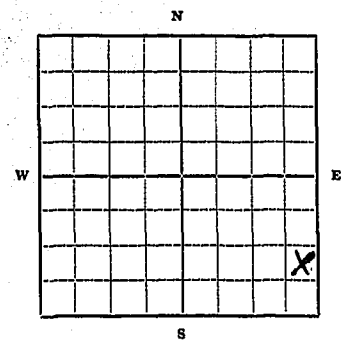
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 6 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Cyriel or Letty Pattyn, of Box 261, 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 ¼ SE Sec. 1 T 6S 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 Stock & household.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Fall of 1935. Used at all times.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1½ gals. a 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 1/10 of an acre; SE ¼ SE of Sec. 1 T 6S - R 35. Cyriel or Letty Pattyn.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Artesian & pump. SE ¼ SE of Sec. 1 T 6S; R 35.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Fall of 1935.

8. The depth of water table 194 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 inch Casing 194 ft. deep.

10. The estimated amount of groundwater withdrawn each year Continuous flow of 1½ gals. a minute

11. The log of formations encountered in the drilling of each well if available Don't know.

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 Cyriel Pattyn
Letty Pattyn

Date 12-30-63.

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

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

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

21755

206424

STATE OF MONTANA } ss.
County of Big Horn

The within instrument was filed in my office at Hardin, Montana, this DEC 30 1963 day of ..... A.D. 19..... at 2:30 o'clock P.M.

Harry E. Cox
County Recorder

By Ruby Kemple Deputy

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

MONTANA WATER RESOURCES BOARD
RECEIVED
NOV 8 1971

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

Owner Lyle Shrock

Address Lodge Grass

Date well started Not Known

completed Not Known

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

Equipment used drill (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

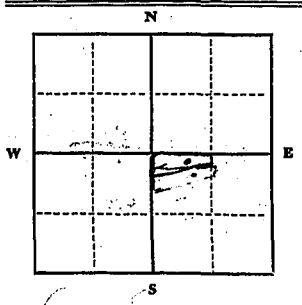
*Describe

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). irrigate garden and 2 acre close

ESTIMATED ANNUAL WITHDRAWAL 50,000 gal

For Administrator's Use
File 234023 November 3, 1971 4:50 PM
GW 1

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" P.			P.	P.	P.



NW ¼ SE ¼ Sec. 12
T. 6 S N/S R. 35 E/W

Static water level Flowing ft.*
Pumping water level ft.*
at gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by
for hours.
Power elect Pump ½ HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
cement around casing

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

Driller's Signature Not Known

Driller's Address

LICENSE NO.

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	

110 feet Show exact depth of bottom

49334

234023

STATE OF MONTANA } ss
County of Big Horn }

The within instrument was filed in my office at Hardin, Montana, this NOV 3 1971 day of A. D. 19 at 4:50 o'clock P. M.

Joyce Lionel
County Recorder

By Ruby Temple Deputy

GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
OCT 10 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County: Big Horn County 13

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

Owner Robert B. Branica

Address Lodge Grass Montana

Date well started Aug 9, 1972

completed Aug 9, 1972

For Administrator's Use
File 236925
Oct 4, 1972 1:30 p.m.
GW 1

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

Equipment used Churn drill (Churn drill, rotary or other)

Water Use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐

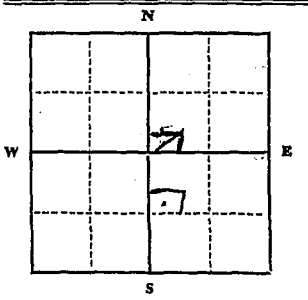
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 Kind Size	From (Feet)	To (Feet)
6"	6" 19#	0'	20'	Perforated 4' above shoe	Bottom	



SW ¼ NW ¼ SE ¼ Sec. 13
T. 6 S. N/S R. 35 E. E/W

Static water level 12' ft.*
Pumping water level ft.*
at 25 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by Bailer
for 1 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature Robert D. Lamb

Driller's Address 602 West 2nd St

Hardin Mont LICENSE NO. 231

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0'	9'	Soil
9'	16	Sand gravel
16	20	Gravel & water 25 G.P.M.
20	22	Shale

22' Show exact depth of bottom

51,554

236925

STATE OF MONTANA }
County of Big Horn } ss.

The within instrument was [illegible]
in my office at Hardin, Montana, this
[illegible] day of
OCT 4 1972 A. D. 19 [illegible]
at 1:30 o'clock P. M.

Jacque [illegible]
County Recorder

By Ruby Wemple Deputy

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

RECEIVED
JUL 10 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES & CONSERVATION

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.

85

85 Owner Murry Brown

Address Lodge Grass Montana

Date well started May 15, 1973

completed May 21, 1973

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

Equipment used Churn drill (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

For Administrator's Use	
File	240645
	7-2-73
GW 1	11:45 A.M.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	5"ID 19# A.H	0'	75'	None		

N
W E
S

Static water level 30' ft.*
Pumping water level ft.*
at 20+ gallons per minute, measured minutes after pumping began.
*Measured from ground level.
Well developed by bailer for 2 hr hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

¼ ¼ Sec. 13
T. 6 N R. 35 (E) (W) (S)

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

Driller's Signature Hilbert D Lauth

Driller's Address 602 West 2nd st Hardin, Montana LICENSE NO. 231

Count Big Horn County

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0'	5	Soil
5'	20	Clay
20	38	Sandy Clay
38	58	Sand & Water
58'	85'	Coal-gravel & Water 200 gpm+
85'	170'	Blue sand shale
170'	188'	Brown shale
188	200	Blue shale

200' Show exact depth of bottom

55895

240645

STATE OF MONTANA }
County of Big Horn } ss.

The within instrument was filed in my office at Hardin, Montana, this _____ day of JUL 2 1973 A. D. 19___ at 1145 o'clock AM.

Joyce Lippert
County Recorder

By Dorothy Jones Deputy

File No.....

DUPLICATE

T. 6S R. 35E Sec. 13

County Big Horn

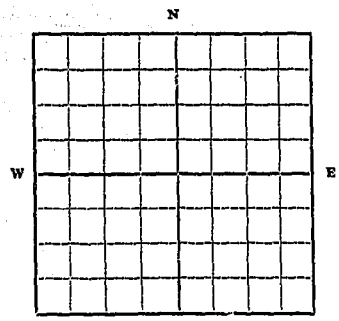
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 8 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. George T. Cooley, 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:



L.G. STEVENSON ADD #3
LOT 1 & 2 BLOCK-2

.....¼..... 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
lawn care

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

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

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 two lots each 50 x 140

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

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

8. The depth of water table 10 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 inch casing, 120 feet deep

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

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 George T. Cooley

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.

26968

206682

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 3:56 o'clock P. M.

Harry E. Cash
County Recorder

By Ruby Temple Deputy

File No.....

T 6 S R 35 E Sec 13

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

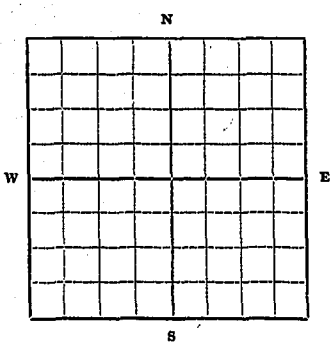
RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Francis M. and Madonna Curry 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:



Lodge Grass Stevenson add #3
1/4 Lot 5 Sec. Block 2.

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 irrigation of lawn

3. Date or approximate date of earliest beneficial use; and how continuous the use has been The last 33 yrs.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3,000 a 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 irrigation of lawn + some garden.

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

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

8. The depth of water table 6 or 7 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 95 feet deep, four inch pipe - with electric pump.

10. The estimated amount of groundwater withdrawn each year 600,000 gallons.

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 Francis M Curry
Madonna Curry

Date 2/20/63

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.

21615

206192

STATE OF MONTANA }
County of Big Horn } ss.

The within instrument was filed in my office at Hardin, Montana, this DEC 20 1963 day of A. D. 19

at 9:35 o'clock A.M.

Mary E. Cox
County Recorder

By Ruby Wempl Deputy

GW 2

Doc. No. 233328

Filed for record

File No. ..... this 9 day of August

A.D. 19 71, at 4:00

DUPLICATE o'clock P M.

MONTANA WATER RESOURCES BOARD
RECEIVED
AUG 11 1971

Approved Stock Form—State Publishing Co., Helena, Montana—45642

13

T. 6 S R. 35 E

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Jess Faught Jr. Address Lodge Grass

Driller C S Jones Address Hardin Mont

Date of Notice of appropriation of groundwater August 2-1971

Date well started July 15-1971 Date completed Aug 2-1971

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

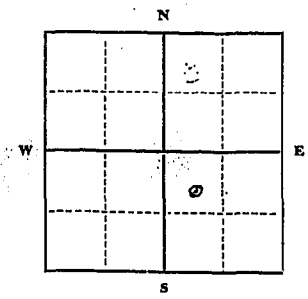
Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☒ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	19#	0	115	None		115
	4½ PVC	96'	140	Perforated		140

Top of Ground (Elev. above sea level .....)	
0	
20'	Sand Dry
20	
40	SAnd Dry
40	
50	sand Dry
50	
51	Hard Shell
51	
60	Sand water Shell and.
60	
65	Sandy Shale
65	
70	Grey Sandy shale
70	
75	Grey Shale
75	
80	Grey Sandy Shale - water.
80	
100	Sandy Shale
100	
110	Grey Shale
110	
114	Sandy Shale
114	
115	Hard Shell
115	
120	Sand - Water.
120	
130	Sandy Shale
130	
140	Grey Shale

Show exact depth of bottom.



S½NW¼SE¼ Sec. 13 T. 6S R. 35E

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

Static Water Level for non-flowing well 60 feet.

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

Pumping Water Level 80 feet at 20 gal. per minute.

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

How Tested Bailer

Length of Test 6 Hrs

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

(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).

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.

81

Driller's License Number

Lorenzo A. Jones

Driller's Signature.

48857

233328

STATE OF MONTANA
County of Big Horn } ss:

The within instrument was filed in my office at Hardin, Montana, this AUG 9 1971 day of A.D. 19 at 4:40 o'clock P.M.

Joyce Lippert
County Recorder

By Ruby Wempe Deputy

13

File No.....

DUPLICATE

T. 68. R. 35 E.

County Big Horn

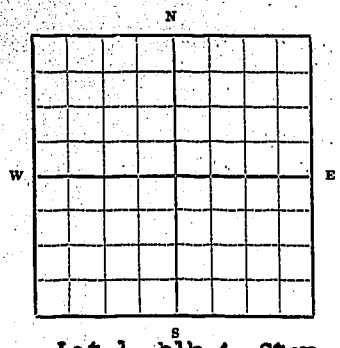
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 20 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Glen and Martha Graham, 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:



Lot 1, blk 4, Stev. Fourth Addition
¼..... 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: Household and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1945

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 12000sq ft of garden space

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Water is removed by means of an electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1945

8. The depth of water table: 120 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Well is 120 feet deep, six inches in diameter and cased with steel

10. The estimated amount of groundwater withdrawn each year: 100000 gallons

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

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

Signature of Owner: Martha Graham, Glen Graham

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.

33,502

206773

STATE OF MONTANA }
County of Big Horn } ss.

The within instrument was filed
In my office at Hardin, Montana, this
JAN 8 1964 day of
A. D. 19
at 8:10 o'clock A.M.

Vasey E. Cole
County Recorder
By Ruby Wemple Deputy

File No.....

T. 6S R. 35 13

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

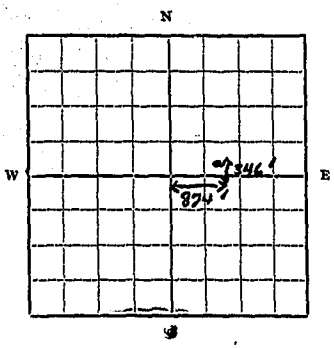
RECEIVED JAN 6 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert K. Lix, of Box 283 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 ¼ NE¼ Sec. 13 T 6S R 35E

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 Household use and Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been First used in 1933 and continuous use since that date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 800 (Eight Hundred) 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 Lots 3 & 4, of Block 4, of Stevensons Fourth addition to the Town of Lodge Grass, Montana. SW¼-NE¼-Sec 13, T-6S, R35E

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump Pressure System located on Lots 3 & 4, Blk 4 Stev. 4th Add, Town of Lodge Grass, SW¼-NE¼, Sec 13 T-6S, R 35E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater The well was started and completed in the year 1933.

8. The depth of water table 16 feet from ground surface to well bottom, 105 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 This is a drilled well with a 6 inch casing and it is 105 feet deep.

10. The estimated amount of groundwater withdrawn each year Four-Hundred-Fifty-Thousand (450,000) gals.

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 Upon completion of the well, the water rose to 4 feet from ground level, since other wells have been drilled, and put to use, this level is now 16 feet from ground level

Signature of Owner Robert K. Lix

Date Dec. 28, 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.

21724

206388

STATE OF MONTANA } ss.
County of Big Horn

The within instrument was filed
In my office at Hardin, Montana, this
DEC 30 1963 day of
A. D. 19
at 8:44 o'clock A.M.

County Recorder

By Deputy

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

BIG HORN DRILLING
602 WEST 2ND ST.
HARDIN, MONTANA 59034

County Big Horn County 713

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

Owner City Lodge Grass

Address Montana

For Administrator's Use
File 236764
Apr. 15 2:20 p.m.
GW 1

Date well started Aug 11, 1972

completed Aug 19, 1972

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

Equipment used Chase drill
(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☒ Stock ☐ Irrigation ☐

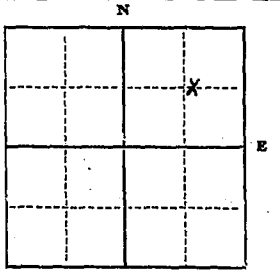
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 Kind Size	From (Feet)	To (Feet)
6"	6" 19#	0	94'	6" Casing Shoe on Bottom 6" Casing		
4"	P.V.C.	0	237'	Perforated 140' 1/4 1/2 slots to 6" Long		



Lot 1 Block 7
Stevenson Addition
..... 1/4 ..... 1/4 Sec.
T. 6 S. N R. 35 E. E/W
Big Horns County

Static water level 30' ft.*
Pumping water level ..... ft.*
at 40 + gallons per minute,
measured ..... minutes after pumping began.
*Measured from ground level.
Well developed by Bailer
for 4 hr hours.
Power ..... Pump ..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) .....

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

Driller's Signature Kelly D Lauck

Driller's Address 602 West 2nd St
Hardin, Montana 59034 LICENSE NO. 231

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show **depth** at which water is found and **height** to which water rises in well.

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

From (Feet)	To (Feet)	
0'	8'	soil
8'	16'	gravel & sand
16'	21'	Sand & gravel & some water 20 g.p.m
21	26'	sand gravel
26	30'	Brown Sand
30	60'	clay sand stone
60	80	light gray sandy shale
80	85'	sandy shale
85	95	Hard Rock Coal & water 10 g.p.m.
95	125	sandy shale
125	175	light sandy shale
175	200	sandy shale
200	210	Brown sand & water 40 g.p.m +
210	220	light shale
220	237	gray shale

237' Show exact depth of bottom

51,399

236764

STATE OF MONTANA }
County of Big Horn } ss.

The within instrument was filed
at my office at Hardin, Montana, this
..... day of
SEP 13 1972 A. D. 19.....
at 2:20 o'clock P M.

Joyce Liggert
County Recorder

By Ruby Wemple Deputy