

20

File No. _____

T. 14^N R. 39^W

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

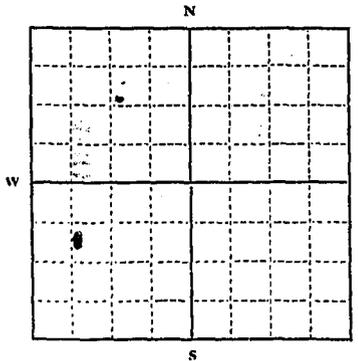
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Marvin Johnson (Name of Appropriator), of Colozen Montana (Address) County of Garfield State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec 30 T. 14 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
House and Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
1920 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1 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
Not Applicable

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1920

8. The depth of water table. 10 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 1 foot diameter 15 feet deep cased with rock

10. The estimated amount of groundwater withdrawn each year. 25000 gallons

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

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 Marvin Johnson
Date Dec 30 1963

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

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

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

23314

400

125057

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 30 day of Dec

A. D. 1963 at 10:16 o'clock A. M.

Anna E. Langston
County Clerk and Recorder

By Marian A. Jensen
Deputy

Fee Paid \$ 2.00

INDEXED
FILED
DEC 30 1963
GARFIELD COUNTY, MONTANA

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. _____

T. 14 N R 39 E

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

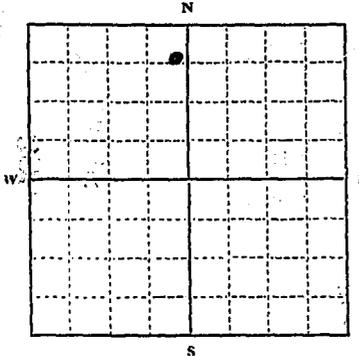
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Martin L Johnson of Cohagen Montana
(Name of Appropriator) (Address) (Town)

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



NW 1/4 Sec. 29 T. 14 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
Stack water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1952 used every summer

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
10 gallon/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 wind mill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1952

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
Dug well cased with culvert

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

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

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 Martin L Johnson
Date Dec 30 1963

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

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

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

23313

399

125056

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 30 day of Dec

A. D. 1963 at 11:15 o'clock P M.

Charles E. Anderson
County Clerk and Recorder

By Marion R. James
Deputy

Fee Paid \$ 2.00

RECORDED
INDEXED
72
109

RECORDED
INDEXED

File No.

T. 14N 39E

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

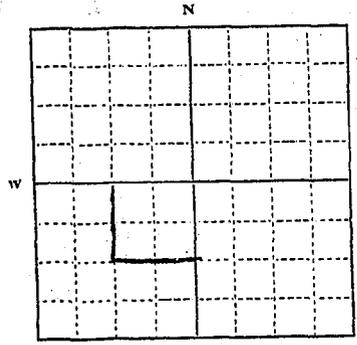
Date of Appropriation of Groundwater Natural Spring
Owner Elmer Langburn Address Jordan, Mont.
Contractor (if any) none
Address of Contractor

Date Started Not Developed Date Completed

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

Plan to use for irrigation at a later date
30 or 35 acre feet

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 6 months per year



Indicate point of appropriation and place of use, if possible.
NESW 1/4 Sec. 39 T. 14 R. 39

Signature of Owner Elmer Langburn
Date 12-31-63

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.

759

125418

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 31st day of Dec

A. D. 1963 at 5-20 o'clock P. M.

Charles E. Hartman
County Clerk and Recorder

By Marianne A. Jensen
Deputy

And Paul E. Jensen

[Signature]
Deputy

File No.

DUPLICATE

T. 14 N. R. 41 E. 16

County. Garfield

RECEIVED
JAN 6 1964

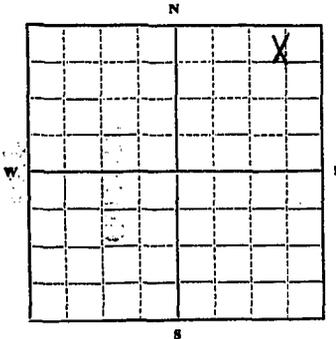
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. N-N Sand + Livestock Co, of 910 Pleasant Miles City
(Name Appropriator) (Address) (Town)

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



NE 1/4 10 Sec. T 14 R. 41

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. 1947 Continuous

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

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

8. The depth of water table. 100 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 4 in casing 180 ft

10. The estimated amount of groundwater withdrawn each year. 2,628,000

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. None available

Signature of Owner. N-N Sand + Livestock Co
Dexter Reid

Date Dec 30 1963

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

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

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

22846

452

125109

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana
this 30 day of Dec

A. D. 19 63 at 11:08 o'clock A. M.

Charles E. Langhans
County Clerk and Recorder

By Marian H. [Signature]
Deputy

Fee Paid \$ 2.00

INDEXED [Signature]
FILED [Signature]

Garfield
COUNTY

GW

Approved Stock Form—State Publishing Co., Helena, Montana—41338

File No.

T. 14 N. R. 41 E

DUPLICATE

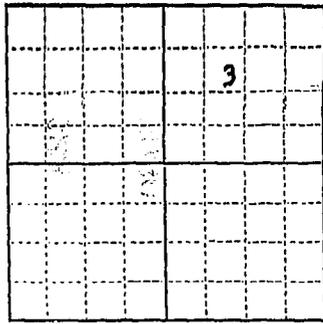
County Garfield

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)

1. Dyba Co. of Rock Springs
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW Sec. 26 T. 14 R. 41
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 stock

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been.....
#3 1942 - continuous

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater.....#3 1942

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.....
#3 567 feet, 4" casing

10. The estimated amount of groundwater withdrawn each year.....#3 2,700,000 gallons

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

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

Signature of Owner [Signature]
Date December 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 Montana Bureau
of Mines and Geology, and Quadruplicate for the Appropriator.

23337

423

125080

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 30 day of Dec.

A. D. 1963 at 11:59 o'clock A M.

Charles E. [unclear]
County Clerk and Recorder

By Mariann [unclear]
Deputy

Fee Paid \$ 3.00

INDEXED [initials]
FILED [initials]

125080
1963 DEC 30

14N-42E
County GARFIELD

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.

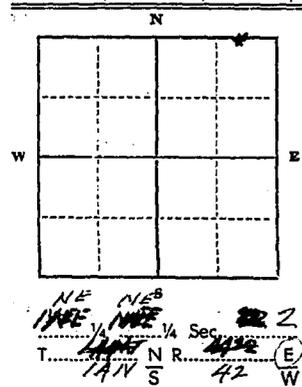
Owner GLASSCOCK BROS
Address MILES CITY, MONT
Date well started 9-6-69
completed 9-15-69
Type of well DRILLED
Equipment used ROTARY
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Garden/Lawn

For Administrator's Use
File June 25, 1970
2:10 p.m.
GW 1 135331

*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>5 7/8"</u>	<u>4"</u>	<u>0</u>	<u>330</u>			



Static water level 150 ft.*
Pumping water level 180 ft.*
atgallons per minute,
measuredminutes after pumping
began.
*Measured from ground level.
Well developed by 2 1/2" PUMP
forhours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

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)
<u>0</u>	<u>90</u> <u>VARIATIL SHALES</u>
<u>90</u>	<u>94</u> <u>ROCK</u>
<u>94</u>	<u>124</u> <u>SHALE</u>
<u>124</u>	<u>140</u> <u>COAL</u>
<u>140</u>	<u>280</u> <u>SHALE</u>
<u>280</u>	<u>330</u> <u>SAND</u>

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

Driller's Signature HIGGINS DRILLING CO
Driller's Address MILES CITY, MONT

LICENSE NO.

330 Show exact depth of bottom

466 17

849
135331
Blasseck, Bros.
Leticia, Leticia
g. 24 Well Appropriation
STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 25th day of June
A. D. 19 70 at 2:00 o'clock P.
Charles E. Vaughan
County Clerk and Recorder

By _____
Deputy
Fee Paid 4.20

RECORDING INFORMATION
This document is a copy of a document recorded in the office of the County Clerk and Recorder of Garfield County, Montana, on June 25, 1970, at 2:00 P.M. The original document is on file in the office of the County Clerk and Recorder of Garfield County, Montana, and is available for inspection by the public. The fee for recording this document was \$4.20.
COUNTY CLERK AND RECORDER
GARFIELD COUNTY, MONTANA

File No.

DUPLICATE

T. 14^N R. 42^E S. 5
County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

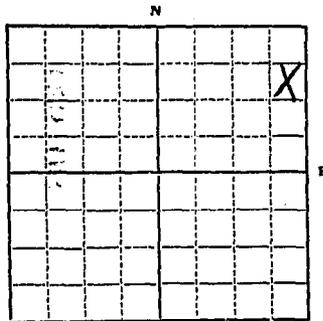
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

N-N Land & Livestock Co of 910 Pleasant Miles City
(Name of Appropriator) (Address) (Town)
County of Custer State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 5 T. 14 R. 42

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

- The beneficial use on which the claim is based Stock Water
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1961 continuous
- The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal
- 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
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1961
- The depth of water table 15 ft.
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 in casing 25 ft
- The estimated amount of groundwater withdrawn each year 2,628,000 gal.
- The log of formations encountered in the drilling of each well if available None Available
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None available

Signature of Owner N-N Land & Livestock Co
Hector Reed
Date Dec 30 1963

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

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

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

23363

449

125106

STATE OF MONTANA }
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 30 day of Dec

A. D. 19 67 at 11:05 o'clock A. M.
Chas. E. Langbein
County Clerk and Recorder

By Marion R. Jones
Deputy

Fee Paid \$ 2.00

[Signature]
[Signature]

STATE OF MONTANA
RECORDED

File No.

T. 14 N., R. 42 E.

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

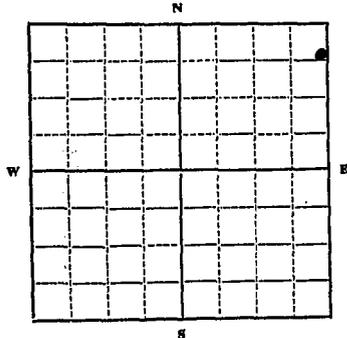
RECEIVED
DEC 23 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. C.G. Glasscock & C.G. Glasscock, Jr., of P. O. Box 419, Miles City,
(Name of Appropriator) (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NE 1/4 Sec 14 T14N R42E

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 livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...
Has been used continuously for more than fifteen years.

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...
No irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...
More than fifteen years prior to making this declaration, but exact date unknown.

8. The depth of water, table...
Unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater...
300 foot deep well with 4" casing

10. The estimated amount of groundwater withdrawn each year...
Unknown, but pumps ~~2000~~ 5 gallons per minute.

11. The log of formations encountered in the drilling of each well if available...
Appropriator knows of no log formations, as well was drilled before present owner purchased land.

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 known.

Signature of Owner

Signature of Owner

Date

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

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

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

11483

204

124772

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 17 day of Nov

A. D. 1923 at 1:20 P. M.

Charles L. Ferguson
County Clerk and Recorder

By Harold G. James
Deputy

Fee Paid \$ 2.00

INDEXED mf
FILED ccy

RECORDED
INDEXED

File No.

DUPLICATE

T. 14 N. R. 42 E. 16
County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

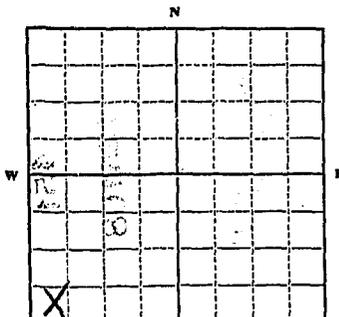
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. N-N Land & Livestock Co of 910 Pleasant Miles City
(Name Appropriator) (Address) (Town)
County of Custer State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 16 T. 14 R. 42

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

- 2. The beneficial use on which the claim is based Stock Water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1961 Continuous
- 4. The amount of groundwater claim (in miner's inches or gallons per minute) 6 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 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

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

8. The depth of water table 15 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 in casing 40 ft

10. The estimated amount of groundwater withdrawn each year 3,153,600

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 available

Signature of Owner N-N Land & Livestock Co
Dexter Reid
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, the Montana Department of Mines and Geology, and Quadruplicate to the Montana Bureau of Mines and Geology.

451

125108

STATE OF MONTANA }
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana
this 30 day of Dec

A. D. 1963 at 11:07 o'clock A. M.

Clara E. Vandenberg
County Clerk and Recorder

By Marion H. [Signature]
Deputy

Fee Paid \$ 2.00

INDEXED [Signature]
FILED [Signature]

2115 FROSTER
GARFIELD

GW2

File No.

T. 14^N R. 42^W 20

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
NOV 15 1963

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Cuddy Marbury Address: Cody, Wyo.

Driller: Sheldon Higgins Address: Miles City

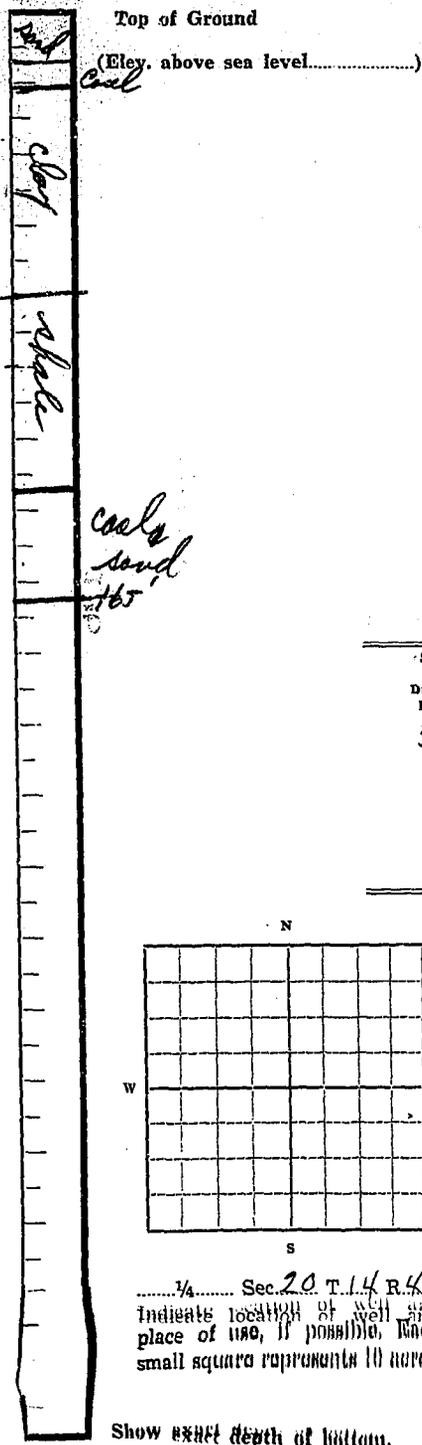
Date of Notice of Appropriation of Groundwater

Date well started 10-28-63 Date Completed 10-30-63

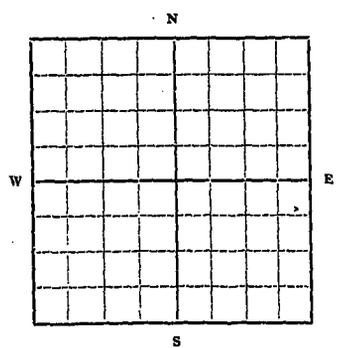
Type of well Drilled Equipment Used Rotary
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 7/8	4" —	0	125	3/8 tube	125	165
	3" —	125	165			



..... 1/4 Sec. 20 T. 14 R. 42
Indicate location of well and place of use, if possible, with small squares representing 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 15 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 65 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer Length of Test 1 hr

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

13
Driller's License Number

Sheldon Higgins
Driller's Signature

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

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

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

7094

File No.

NOV 16 1965

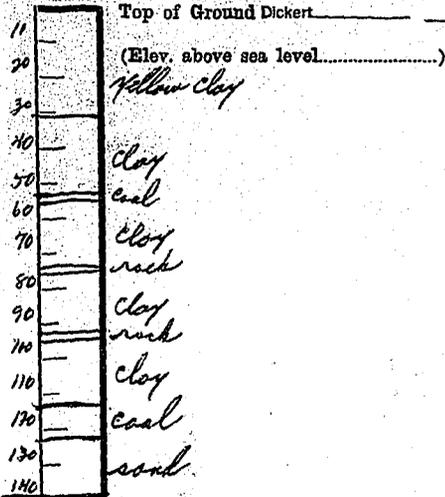
T. 14 N R. 42 E 20

QUADRUPLICATE

Billie _____ McDermott _____
Butz in _____ McNulty _____
LOG _____ Morton _____
Darlington _____ Sullivan _____

County Garfield

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 Mc. Swayne Address Miles City

Driller Floyd Higgins Address Miles City

Date of Notice of appropriation of groundwater.....

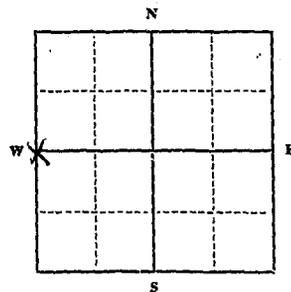
Date well started 8-10-65 Date completed 8-17-65

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 5/8	4" 8 lb.	0	140	3/8 holes	100	140



Static Water Level for non-flowing well _____ feet.

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

Pumping Water Level 80 feet
at 7 gal. per minute.

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

How Tested Bailer

Length of Test 1 hr.

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

W Line
1/4 Sec. 20 T. 14 R. 42
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Mary Cato Swayne

Show exact depth of bottom.

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

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

147
Driller's License Number

Floyd Higgins
Driller's Signature

59831

812

128902
128902

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 15th day of November

A. D. 1905 at 8:00 o'clock A.M.
Charles E. Langham
County Clerk and Recorder

By _____ Deputy

Fee Paid \$ 2.00

File No.

T. 14^N R. 42^E

DUPLICATE

County Bozfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER
**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

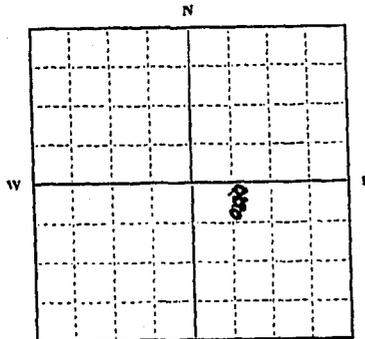
Owner Arthur Larson Address Cohagen, Montana

Contractor (if any)

Address of Contractor

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

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



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.....

whatever is needed

SE 1/4 Sec 28 T44 R42

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

Signature of Owner Arthur Larson

Date Dec 23, 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.

270

124885

STATE OF MONTANA }
County of Garfield }

300

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 26 day of Nov.

A. D. 1963 at 8:40 o'clock PM.

Clara E. Langston
County Clerk and Recorder
Thomas E. [Signature]
Deputy

Fee Paid 2.00

INDEXED [Signature]
FILED [Signature]

3
2
1

3

File No.

T. 14 N R. H2

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

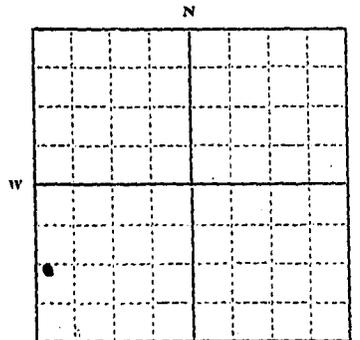
Owner Arthur Larson Address Cottage, Montana

Contractor (if any)

Address of Contractor

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

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



SW 1/4 Sec. 29 T. 14 N R. H2
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.....

whatever is needed

Signature of Owner Arthur Larson

Date Dec 23, 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.

269

124384

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,

this 26 day of Dec.

A. D. 1963 at 9:05 o'clock P. M.

Charles E. Thompson
County Clerk and Recorder

Marian R. Lewis
Deputy

Fee Paid \$ 2.00

INDEXED *mj*
FILED *lrs*

Office of Commission of Pardons and Parole

HELENA, MONTANA

UNION OF STATE EMPLOYEES

File No.

T. 14 N R. 42 E 29

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

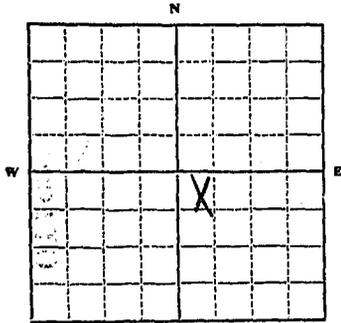
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

N-N Sand + Livestock Co, of 910 Pleasant Miles City
(Name of Appropriator) (Address) (Town)

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



SE 1/4 Sec. 29, T. 14, R. 42

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... 1930 Controversies
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 5 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... 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... Spring
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 1930
- 8. The depth of water table... 5 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... None available
- 10. The estimated amount of groundwater withdrawn each year... 2,628,000
- 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... None available

N-N Sand + Livestock Co
Signature of Owner... Fletcher Reed

Date... Dec 30 1963

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

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

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

453

125110

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana
this 3rd day of Dec

A. D. 19 1903 at 11:00 o'clock A.

Charles E. Thompson
County Clerk and Recorder

By Marian A. Jones
Deputy

Fee Paid \$ 2.00

mf
CSB

RECORDED
INDEXED

GW

30

File No.

T. 14 N R. 42 E

DUPLICATE

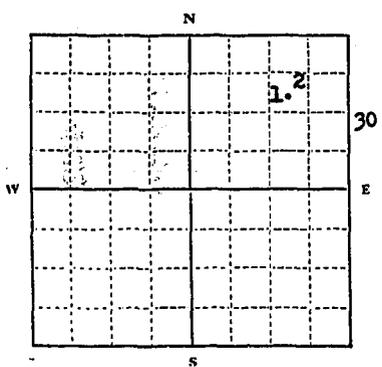
County Garfield

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. Byba Co. of Rock Springs
(Name of Appropriator) (Address) (Town)
County of Garfield 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.....
1. house 2. stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
August, 1963 - continuous

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
1. pump - pressure
2. pump - submergible

SW 1/4 NE Sec. 30 T. 14 R. 42

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

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

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.....
1. 140 feet, 4" casing-pump 2. 140 feet, 4" casing - pump

10. The estimated amount of groundwater withdrawn each year.....
\$1. 3,504,000 \$2. 3,504,000
gallons gallons

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

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

Signature of Owner..... Byba Co. B. Paul Byba
Date..... December 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

23336

422

125079

RECORDED

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 30 day of Dec.

A. D. 1913 at 10:30 o'clock A. M.

Charles E. Tangeman
County Clerk and Recorder

By Maryann G. James
Deputy

Was Paid \$ 2.00

RECORDED 70
FILED 125079

RECORDED

125079

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42199

File No.

T. H. N. R. H. 2 E

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Notice of Completion of Groundwater Appropriation Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

Owner Arthur Larson Address Cohagen, Montana

Contractor (if any)

Address of Contractor

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

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

Spring in bottom of creek

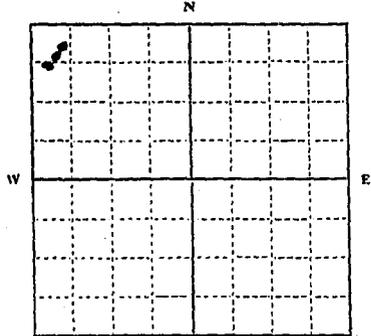
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.....

whatever is needed

Signature of Owner Arthur Larson

Date Dec 23, 1963



NW 1/4 Sec. 31, T.14. R.42
Indicate point of appropriation and place of use, if possible.

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

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

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

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

14725

271

124886

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 26 day of Dec

A. D. 19 63 at 8:15 o'clock A M.

Charles E. Langston
County Clerk and Recorder
Marion L. James
Deputy

Fee Paid \$ 2.00

INDEXED cmj
FILED cmj

MAN... 31-11-1963

33

File No.

T. 14^N R. 42¹⁵
County Garfield

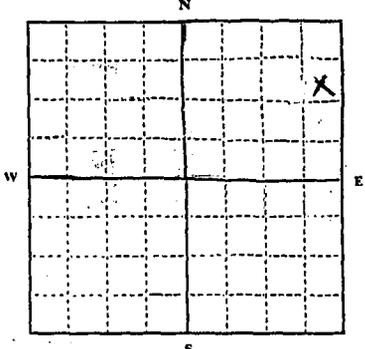
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

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

1. Gottlieb Wanner, of Rock Springs Box 3
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 33 T. 14 R. 42
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 live stock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. May - 1961
all year
- 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. Pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. April 1961
- 8. The depth of water table. Water level 70ft - drawdown 8ft
- 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 - 1 1/4" pump pipe depth 232'
- 10. The estimated amount of groundwater withdrawn each year. approximately 7200 gal a day 3' x 25' round Tank
- 11. The log of formations encountered in the drilling of each well if available.
0 - 70ft grumbo
70 - 70' dry sand
70 - 700' grumbo
200 - 232' Coal with water
- 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 Gottlieb Wanner
Date 12-23-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

14705

251

124866

STATE OF MONTANA }
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 23 day of Dec

A. D. 19 13 at 11:50 o'clock P. M.

Charles E. Henderson
County Clerk and Recorder

Merion R. Jones
Deputy

Dues Paid \$ 2.00

INDEXED mf
FILED ms

34

File No.

T. 14 N. R. 42 E

DUPLICATE

County, Barfield

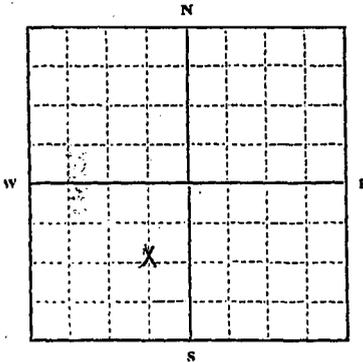
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Gottlieb Kemmer of Rock Springs Box 3
(Name of Appropriator) (Address) (Town)
County of Barfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 34 T. 14 R. 42

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 irrigation garden trees household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1937

used daily

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

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

3 acre garden of some trees

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

electric pressure pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1937 hand pump
1960 electric pump

8. The depth of water table. 16.7 ft deep 2.5 ft from top

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
1 1/4" pipe

10. The estimated amount of groundwater withdrawn each year. approximately 500 gal a day household
750.5 gal a day livestock irrigate

11. The log of formations encountered in the drilling of each well if available.
2 ft sand 2 ft rock sand water
Clay gumbo
10 ft rock

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

Signature of Owner Gottlieb Kemmer

Date 12-23-63

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

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

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

14704

250

124865

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 23 day of Dec.

A. D. 1923 at 11:45 o'clock, P. M.

Charles E. [Signature]
County Clerk and Recorder

By Marion A. [Signature]
Deputy

Fee Paid \$ 2.00

INDEXED mf

FILED mf

File No.

T. 14 N. R. 43 E.

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

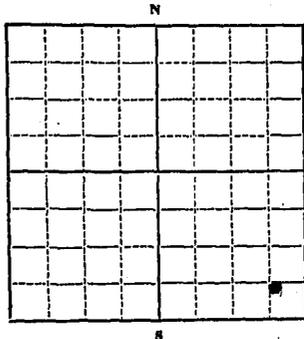
RECEIVED
DEC 23 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1 C. G. Glasscock & C. G. Glasscock, Jr. of P.O. Box 419, Miles City
(Name of Appropriator) (Address) (Town)

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



SE 1/4 Sec. 4 T14N R43E

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 livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
Has been used continuously for more than fifteen years.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
More than fifteen years prior to making this declaration but exact date unknown.

8. The depth of water table.....
Unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
250 foot deep well with 4" casing

10. The estimated amount of groundwater withdrawn each year.....
Unknown, but pumps 7 gallons per minute.

11. The log of formations encountered in the drilling of each well if available.....
Appropriator knows of no log formations, as well was drilled before present owner purchased land.

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 known.

Signature of Owner

Signature of Owner

Date Dec 10, 1963

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

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

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

11479

200

121768

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 17 day of Nov.

A. D. 1923 190 M.
Charles C. Langford
County Clerk and Recorder

By James B. Lane
Deputy

Fee Paid \$ 2.00

INDEXED ml
FILED cc

14N-43E
County GARFIELD 5

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

JUN 20 1970

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 GLASS COCK BROS
Address MILES CITY, MONT.
Date well started 9-6-69
completed 9-15-69

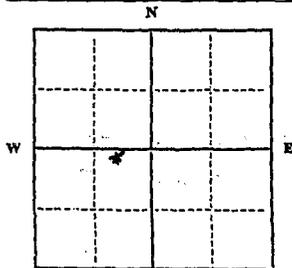
For Administrator's Use.
File <u>June 25, 1970</u>
<u>2:20 p.m.</u>
GW <u>135333</u>

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		
				Kind	From (Feet)	To (Feet)
<u>5 5/8"</u>	<u>4"</u>	<u>0</u>	<u>375</u>	<u>PLASTIC</u>		



Static water level 150 ft.*
Pumping water level 160 ft.*
at _____ gallons per minute,
measured _____ minutes after pumping began.

*Measured from ground level.
Well developed by 2 1/2" PUMP
for _____ hours.
Power ELECTRIC Pump _____ HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

NE 1/4 SW 1/4 Sec. 5
T. 14 N. R. 43 E.
S. W.

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

Driller's Signature HIGGINS DRILLING Co
Driller's Address MILES CITY, MONT.

LICENSE NO. _____

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
<u>0</u>	<u>33</u>	<u>SHALE</u>
<u>33</u>	<u>36</u>	<u>COAL</u>
<u>36</u>	<u>62</u>	<u>SHALE</u>
<u>62</u>	<u>68</u>	<u>COAL</u>
<u>68</u>	<u>120</u>	<u>SHALE</u>
<u>120</u>	<u>144</u>	<u>COAL</u>
<u>144</u>	<u>192</u>	<u>SHALE</u>
<u>192</u>	<u>208</u>	<u>COAL</u>
<u>208</u>	<u>288</u>	<u>SHALE</u>
<u>288</u>	<u>375</u>	<u>SAND</u>

375 Show exact depth of bottom

46615

851.3
155333
Haskell Bros.

To Public Use
g.w. Well Appropriation

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 25th day of June

A. D. 1910 at 2:30 o'clock P. M.
Chas. E. Langhorne
County Clerk and Recorder

Fee Paid \$ 72.00

RECORDED
INDEXED
FILED
JANUARY 1911

T. 11N R. 43 10
County Garfield

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
AUG 11 1961

WATER WELL LOG STATE ENGINEER

Owner ~~XXXXXXXXXXXX~~ Bruce Dutton Address Roundup, Montana
Driller ~~XXXXXXXXXXXX~~ McConnell Bros Address Sand Springs, Montana
Date Started 6/8/61 Date Completed 6/11/61
Location: Sec. 10 T. 11N R. 43 1/4 sec. SE 1/4 SW 1/4

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other: galvanized

Casing: 0 ft. to 75 ft. Type XXXX Size 6 inch

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 45 to ft. 55 Ft. 60 to ft. 70

Type of screen or perforations XXX slots XXXX

Static Water level, for non-flowing well: 30 feet from top feet.

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

Pumping water level _____ feet at 15 gal. per min.

How tested: bailer

Length of test 30 minutes

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

(over)

File No.

T. 14 N. R. 43 E. 12

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

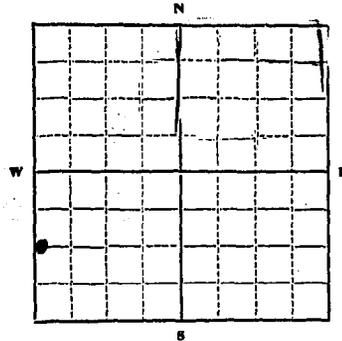
RECEIVED
DEC 23 1963

STATE ENGINEER

1. C.G. Glasscock and C.G. Glasscock, Jr. of P. O. Box 419 Miles City, (Name of Appropriator) (Address) (Town)

County of Custer State of Montana

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



SW 1/4 SW 1/4 Sec 12 T14N R. 43E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Has been used continuously for more than fifteen years.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. More than fifteen years prior to making this declaration but exact date unknown.

8. The depth of water table Unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 85 foot deep well with 4" casing

10. The estimated amount of groundwater withdrawn each year. Unknown, but pumps 6 gallons per minute.

11. The log of formations encountered in the drilling of each well if available. Appropriator know of no log formations, as well was drilled before present owner purchased land.

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 known.

Signature of Owner

Signature of Owner

Date

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

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

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

11478

199

121767

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 17 day of Dec

A. D. 1963 at 12:00 o'clock P. M.

Charles E. Taylor
County Clerk and Recorder

By Harold L. James
Deputy

Fee Paid \$ 2.00

MD
CS

File No. _____

T. 14 N R. 43 E

DUPLICATE

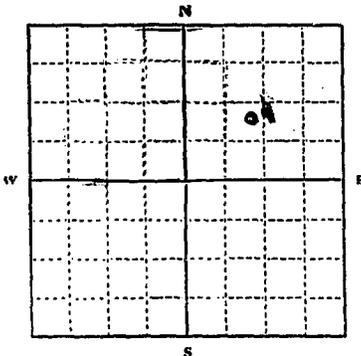
County H. Hill

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

RECEIVED
 DEC 30 1963

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

1. Amanda Taylor, of Rock Springs (Town)
 County Hill State Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SWNE 1/4 Sec. 13 T4 R43

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

2. The beneficial use on which the claim is based Stockwater
 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1958
 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 22 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 Gas engine
 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1958
 8. The depth of water table 10'
 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 100' deep
 10. The estimated amount of groundwater withdrawn each year 700,000 gal
 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
- Signature of Owner Amanda Taylor
Amanda Taylor
 Date 12-23-63

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

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

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

263

124878

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 23 day of Dec.

A. D. 1963 at 2:50 o'clock P. M.

Charles R. Angburn
County Clerk and Recorder

By: James R. Daniel
Deputy

Fee Paid \$2.00

INDEXED mf

FILED mf

File No.

T. 14 N., R. 43 E.

DUPLICATE

County, Garfield

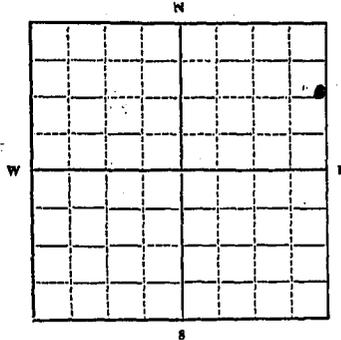
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. C. G. Glasscock & C. G. Glasscock, Jr. of P. O. Box 419, Miles City,
(Name of Appropriator) (Address) (Town)
County of Custer, State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NE 1/4 Sec. 18 T. 14 N. R. 43 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 livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
Has been used continuously for more than fifteen years.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
More than fifteen years prior to making this declaration, but exact date unknown.

8. The depth of water table.....
Unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
300 foot deep well with 4" casing

10. The estimated amount of groundwater withdrawn each year.....
Unknown, but pumps 7 gallons per minute

11. The log of formations encountered in the drilling of each well if available.....
Appropriator knows of no log formations, as well was drilled before present owner purchased land.

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 known.

Signature of Owner C. G. Glasscock

Signature of Owner C. G. Glasscock

Date Dec. 10, 1963

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

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

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

11481

L 202

124770

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 17 day of Dec

A. D. 1893 of the 1119 M.

Charles E. Bingham
County Clerk and Recorder
By Ernest A. Jones
Deputy

Fee Paid \$ 8.00

ms
WB

File No.

T. 14 N., R. 43 E.

21

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

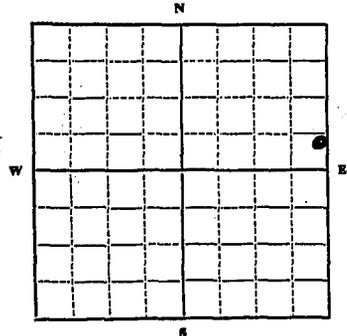
RECEIVED
DEC 23 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. C. G. Glasscock & C.G. Glasscock, Jr. of P. O. Box 419, Miles City, (Name of Appropriator) (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NE 1/4 Sec 21 T14NR43 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 livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... Has been used continuously for more than fifteen years.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... More than fifteen years prior to making this declaration but exact date unknown.

8. The depth of water table... Unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... 150 foot deep well with 4" casing

10. The estimated amount of groundwater withdrawn each year... Unknown, but pumps 6 gallons per minute.

11. The log of formations encountered in the drilling of each well if available... Appropriator knows of no log formations, as well was drilled before present owner purchased land.

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 known.

Signature of Owner [Signature]

Signature of Owner [Signature]

Date Dec. 24, 1963

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

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

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

11469

190

124758

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana.

the 17 day of Dec

A. D. 1963 11:15 o'clock P. M.

Charles E. Cunningham
County Clerk and Recorder

Marion A. Quinn
Deputy

Fee Paid \$ 2.00

ymj
MAR 20 1963
ccj

File No.

T. 14 N. R. 43 E.

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

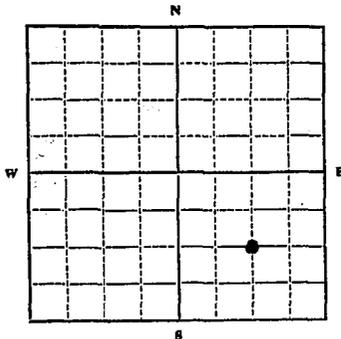
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. C.G. Glasscock and C. G. Glasscock, Jr., of P.O. Box 419 Miles City
(Name of Appropriator) (Address) (Town)

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



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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Has been used continuously since 1961.

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 No irrigation.

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

SE 1/4 SE 1/4 Sec. 22, T14N R. 43E.

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

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

8. The depth of water table Unknown.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 90 foot deep well with 4" casing.

10. The estimated amount of groundwater withdrawn each year Unknown, but pumps 5 gallons per minute

11. The log of formations encountered in the drilling of each well if available Appropriator knows of no log formations as no log was furnished by driller.

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 known.

Signature of Owner C.G. Glasscock

Signature of Owner C.G. Glasscock, Jr.

Date Dec. 19, 1963

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

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

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

11476

197

124765

STATE OF MONTANA }
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 17th day of Dec

A. D. 1913 at 11:50 A. M.

Charles E. Baughman
County Clerk and Recorder

W. H. Mansfield
Deputy

Fee \$2.00

mj
CS

File No.

T. 14 N. R. 43 E.

DUPLICATE

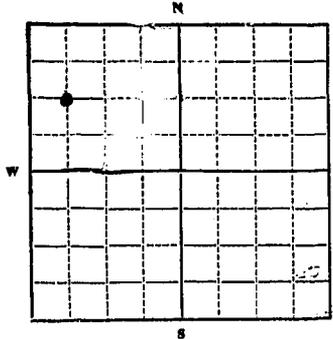
County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

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

1. C.G. Glasscock and C.G. Glasscock, Jr., of P. O. Box 419, Miles City, (Name of Appropriator) (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NW 1/4 Sec 23 T. 14 N. R. 43 E.

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

- 2. The beneficial use on which the claim is based... watering livestock.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been... Has been used continuously since 1961.
- 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... No irrigation.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Pump jack and engine.

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

8. The depth of water table... Unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... 90 foot deep well with 4" casing

10. The estimated amount of groundwater withdrawn each year... Unknown, but pumps 5 gallons per minute.

11. The log of formations encountered in the drilling of each well if available... Appropriator knows of no log formations as no log was furnished by driller.

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 known.

Signature of Owner [Signature]
Signature of Owner [Signature]
Date Dec 10, 1963

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

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

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

11477

198

124766

STATE OF MICHIGAN
County of Genesee

Filed for Record in the County Clerk's Office

Book 17 Page 115

A. D. 1883

Charles A. Ferguson
County Clerk and Recorder

James J. Jones
Notary

Fee Paid \$ 2.00

mj
cc

892

139071

STATE OF MONTANA }
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 18th day of April

A. D. 19 73 at 1:35 o'clock P. M.
Charles E. Pappas
County Clerk and Recorder

Jo Ann Stanton
Fee Paid \$ 2.00

INDEXED Jan
FILED Jan

AFFIDAVIT

TO WHOM IT MAY CONCERN:

We Herman Ohlhauser and Ferdinand Ohlhauser have used water from a well located in - SE - - 1/4 - - - - - Sec. 25 - - - T 14 N R. 43 E - for the purpose of watering livestock, Irrigation, Spraying Fields and Cattle.

For a period of time beginning November 12, 19 45 and is in use at this time.

Herman Ohlhauser
Herman Ohlhauser

Ferdinand Ohlhauser
Ferdinand Ohlhauser

Subscribed and sworn to before me this 17th day of April, 1973.

Charles E. Jansbur
County Clerk and Recorder
Garfield County, Montana