

236311

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 18 day of June
A.D. 19 73 at 10 min. pas
14 o'clock P.M.

Records of Lewis & Clark
County, State of Montana.

John Donigh
County Recorder
Carol Erickson
Deputy

2.16

File No. _____

T. _____ R. _____

DUPLICATE

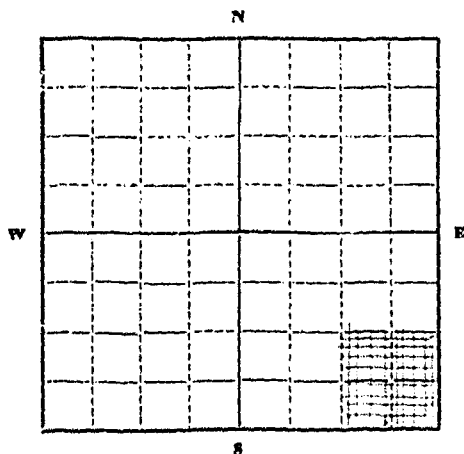
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Martin J. Settle of Conf. Creek Mont.
(Name of Appropriator) (Address) (Town)
County of Lewis & Clark State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/4 Sec. 35 T. 12 R. 5

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 & Cattle
3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1/62
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6921 P.M.A.
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 11/1
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Submersible Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started Jan. 1/62 - Completed May 1/62
8. The depth of water table 300
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 8" casing
10. The estimated amount of groundwater withdrawn each year 120,000 gals
11. The log of formations encountered in the drilling of each well if available 11/1
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 11/1

Signature of Owner _____

Date Jul. 7, 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.

140189

STATE OF MONTANA }
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 2d day of Feb A.D. 1963 at 10 min. past 10 o'clock a.M.

Records of Lewis & Clark County, State of Montana.

John J. Russell
County Recorder
By John J. Russell
Deputy

\$2.00

File No. _____

T. 12 N. R. 5

DUPLICATE

County _____

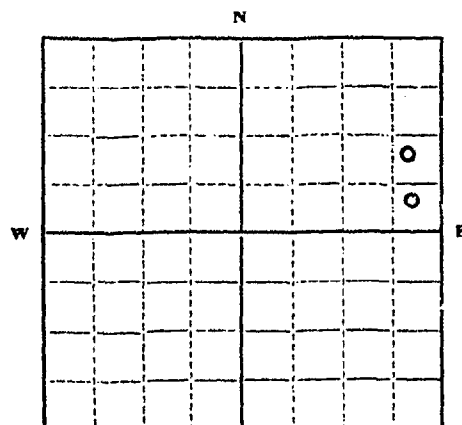
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Great Northern Railway Company of 175 E. 4th St., St. Paul, Minnesota
(Name of Appropriator) (Address) (Town)
County of Lewis and Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 36-T12N-R5W
NE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 36 T 12N R 5W

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

Well at Silver City

(see reverse side for location of Well at Wolf Creek)

2. The beneficial use on which the claim is based. Railroad purposes
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well No. 1 - October 1943
Well No. 2 - February 1949
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Well No. 1 - 8 GPM
Well No. 2 - 8 GPM
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof N/A
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Wells at Silver City and Wolf Creek
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well No. 1 - N/A
Well No. 2 - January 27, 1949 - February 17, 1949
8. The depth of water table. Well No. 1 - Static level 102'
Well No. 2 - Static level 98'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Well No. 1 - 6" drilled well - 132' deep - cased 132'
Well No. 2 - 6" drilled well - 168' deep - cased with 6" casing from 0 to 140' and 5" perforated casing from 139' to 168'.
10. The estimated amount of groundwater withdrawn each year. Well No. 1 - 150,000 gallons
Well No. 2 - 200,000 gallons
11. The log of formations encountered in the drilling of each well if available. Well No. 1 - 0 to 20' clay and fine gravel - 20' to 80' shale and clay - 80' to 117' clay - 117' to 118' water bearing gravel - 118' to 130' clay - 130' to 132' coarse water bearing gravel.
Well No. 2 - 0 to 96' gravel and clay - 96' to 136' clay and hardpan - 136' to 164' clay and making water - 164' to 168' ash.
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.

GREAT NORTHERN RAILWAY COMPANY

Signature of Owner By: H. H. H. H. H.
Superintendent of the Butte Division
Date 7-2-62

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.

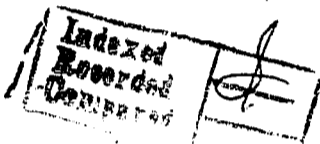
2661

	Sec.	T.	R.
NW 1/4 NE 1/4	2	11N	14W

Location of Well at
Wolf Creek

3. ~~XXXX~~ 1958
4. W/A
7. H/A
8. Static level - ~~XXXX~~ 7'
9. ~~XXXX~~ 2" pipe, pointed and driven 16' - pipe perforated with 1/8" holes for 5'
10. ~~XXXX~~ 100,000 gals.
11. ~~XXXX~~ See attached log sheet

138365



STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS.

I hereby certify that the within in-
strument was filed in the office on
this 6th day of Dec
A.D. 1962 at 2:00 PM.

Witness my hand and seal of
said County, at Lewis & Clark
County, Montana, this 6th day of Dec, 1962.

Deputy Recorder
By C. L. Linder
Deputy

2:00

GW -

File No.

DUPLICATE

No Section given

RECEIVED
MAY 20 1963

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

T. 12 R. 5

County *Lewis & Clark*

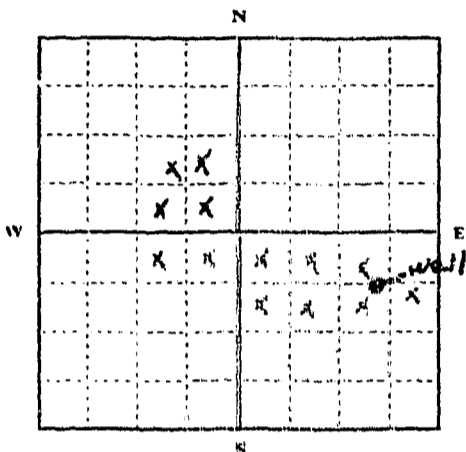
STATE OF MONTANA
STATE ENGINEER
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 9 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. *Wayne Neil*, of *Canyon Creek*,
(Name of Appropriator) (Address) (Town)
County of *Lewis & Clark* State of *Montana*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based *Stock water and surface and sub-surface pasture irrigation*
3. Date or approximate date of earliest beneficial use; and how continuous the use has been *Prior to 1860 continuous by appropriator and predecessors*
4. The amount of groundwater claimed (in miner's inches or gallons per minute) *200"*
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 *100 acres applied or used by appropriator or predecessors*
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *17 ACRES powered pump from well in NE 1/4, balance by sub irrigation*
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *Prior to 1900*
8. The depth of water table *70 feet on well, 1/2' to 4' on sub irrigated area*
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner *Wayne Neil*

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.

28928

151998

STATE OF MONTANA } 95
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 7 day of April

A.D. 19 07 at 4:45 min. past
1 o'clock P.M.

Records of Lewis & Clark
County, State of Montana.

County Recorder

By M. Lane
Deputy

2nd

File No.

MONTANA WATER RECORDS ACT

T. 12 N. R. 5 E.

DUPLICATE

RECEIVED

County L & C

LOG

MAY 8 1968

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0 to 8 open hole

Owner Earl Wohlfrom Address Canyon Creek, Mont.

8 to 19 clay and gravel

Driller Walter Riddock Address Helena Montana

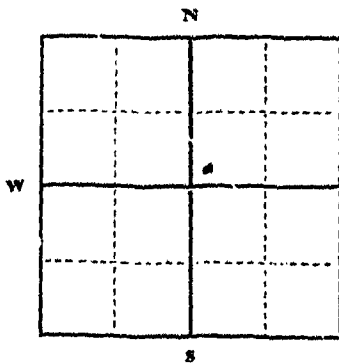
19 to 20 gravel, water

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

Date well started Jan 10, 68 Date completed Jan 15, 68Type of well drilled Equipment used churn drill
(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)
6"	6" 15#	0 to 20		none		



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

Static Water Level for non-flowing well 6 feet.

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

Pumping Water Level 10 feetat 20 gal. per minute.

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

How Tested bailerLength of Test 1 hr.Remarks: (Gravel packing, cementing, packers, type of shutoff) Pump

(Continue on reverse side)

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

Show exact depth of bottom. 20 ft.

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

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

Driller's License Number

Mont No 49

Driller's Signature

Walter Riddock

44,089

195080

INDEXED
FILED
RECORDED

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 11 day of April
A.D. 1969 at 30 min. past
9 o'clock P.M.

Records of Lewis & Clark
County, State of Montana.

John J. Jorisch
County Recorder

by C. Lynette
Deputy

2.00

GROUNDWATER INDEX

Page of

County L.C. Twp. 12.5 Rge. 4 W

[illegible]

File No. _____

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—35496

T. 12 N. R. 4 W.

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater *No. 1, 1880 - No. 2, 1961*

Owner *Hilger Herford Ranch* Address *Pte. 1, Helena, Mont.*

Contractor (if any) *None*

Address of Contractor *Not applicable*

Date Started *Not Known* Date Completed *Not Known*

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

by trench from a hole dug to a depth of 6 ft. Used for livestock and irrigate from No. 1. - No. 2 brought to surface by trench dug 4 ft deep for livestock

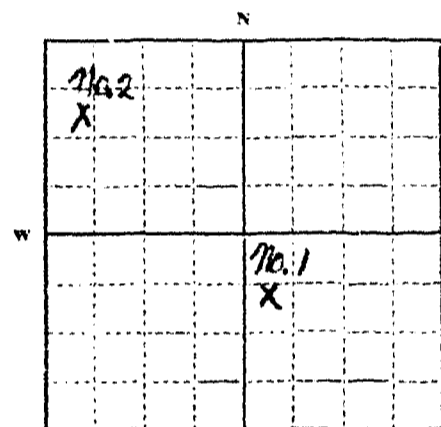
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. *No. 1 Runs about 100 gal per Minute. Measured by Barrel - used about nine (9) months*

No. 2 Runs about 12 gal. per Minute Measured with 5 gal bucket - used 7 Mo. Per Year.

Signature of Owner *Hilger Herford Ranch Co. Daniel A. Hilger*

Date *Dec 19 1963*



NW 1/4 Sec. 11 T. 12 N. R. 4 W.
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.

12281

Index
Recorded
Compared

151120

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 19 day of Dec
A.D. 1963 at 40 min. past
12 o'clock P.M.

Records of Lewis & Clark
County, State of Montana

John Smith
County Recorder
By Norma Kelley
Deputy

2.00

File No.

T. 12 N. R. 4 W.

DUPLICATE

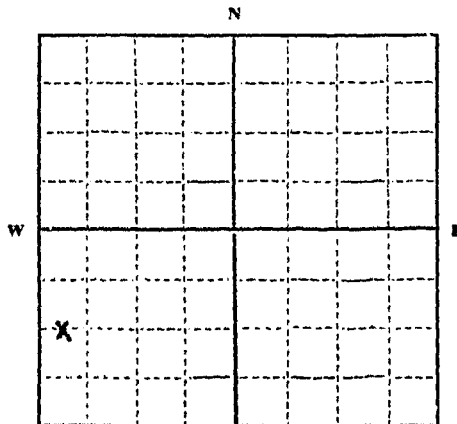
County Laurel & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1960Owner Hilger Herford Ranch Address Highway 1, Helena Mont.Contractor (if any) noneAddress of Contractor Not applicableDate Started May 1960 Date Completed June 1960Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. By digging trench ingulch to a depth of 8 feet and piping it out to water trough for livestock

SW 1/4 Sec. 14 T12N R4W

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 100 gal perhour, measured with 5 gal bucketUsed from about April 1st to Nov 30th
each year for livestock

Signature of Owner

Hilger Herford Ranch Co
Daniel A. Hilger, Pres.Date Dec. 19 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.

12280

Indexed
Recorded
Compared

151119

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 19 day of Dec
12 63 at 3:35 min. past
12 o'clock P. M.

Records of Lewis & Clark
County, State of Montana.

John D. Smith
County Recorder

By Norma Hedley
Deputy

\$2.00

File No.

T. 12 N. R. 4 West

DUPLICATE

County L & C

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

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

0 to 9' Gravel & shale

Owner Hilger Herford Ranch Address Route 1, Helena, Montana

Driller Walter Riddock Address Helena, Montana

9 ft to 71 ft Solid shale rock.

Date of Notice of Appropriation of Groundwater July 3, 1962

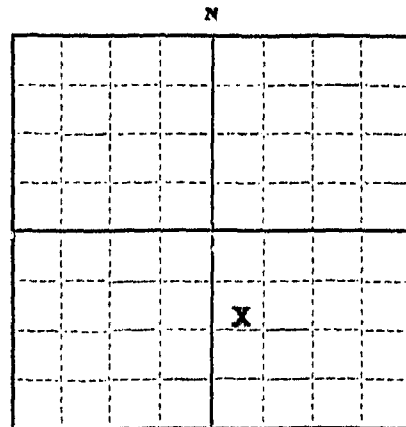
Date well started June 26, 62 Date Completed July 2, 62

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	15#	0	9'			
Open Hole 9' to 71'						



1/4 Sec. 24 T. 12 N. R. 4 W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 44 ft. feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 60 feet at 12 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested pump Length of Test 2 hr. Bailor

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)

Driller's License Number 42

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

138729

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

Indexed
Recorded
Compared

I hereby certify that the within in-
strument was filed in my office on
this 18th day of Dec
A.D. 1967 at 5 min. past
12 o'clock P.M.

Records of Lewis & Clark
County, State of Montana.

John L. Lonsch
County Recorder

By L. L. Lonsch
Deputy

2100

File No.

T. 12 N. 4 W.

DUPLICATE

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1920

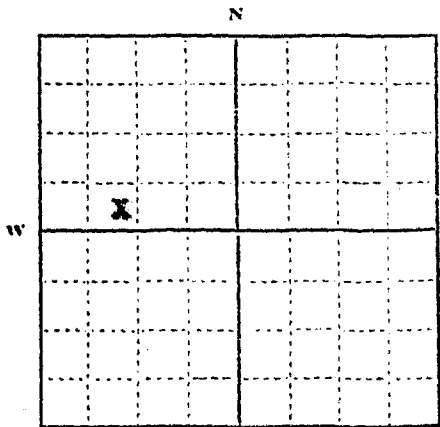
Owner Debelka Brothers Address Route 1, Helena, Montana

Contractor (if any) None

Address of Contractor

Date Started 1920 Date Completed 1920

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



NW 1/4 Sec. 26 T. 12 R. 4

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use about five gallons per minute.

Signature of Owner Debelka Bros Jerry

Date 12-26-63

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.

152056

2

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 8 day of Jan
A.D. 1964 at 350 min. past
9 o'clock A.M.

Records of Lewis & Clark
County, State of Montana.

County Recorder

By M. J. Joss
Deputy

\$ 2.00

File No.

T. 12 R. 4

DUPLICATE

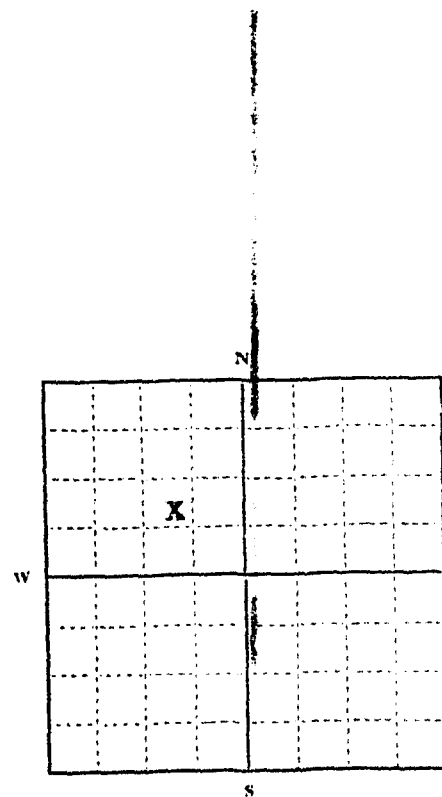
County Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 13 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)



NW 1/4 Sec. 28 T. 12 R. 4
Indicate point of appropriation
and place of use, if possible.

Date of Appropriation of Groundwater.....1920

Owner.....Rebelka Bros. Address Route 1, Helena,
Montana

Contractor (if any)None

Address of Contractor

Date Started.....1920 Date Completed.....1920

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

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

estimate approximate lengths of periods of use.....Approx,

~~.....~~ five
gallons per minute.

Signature of Owner.....Adolphus Rebelka

Date.....12-30-63

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.

28

File No.

T. 12 N. R. 4 W.

DUPLICATE

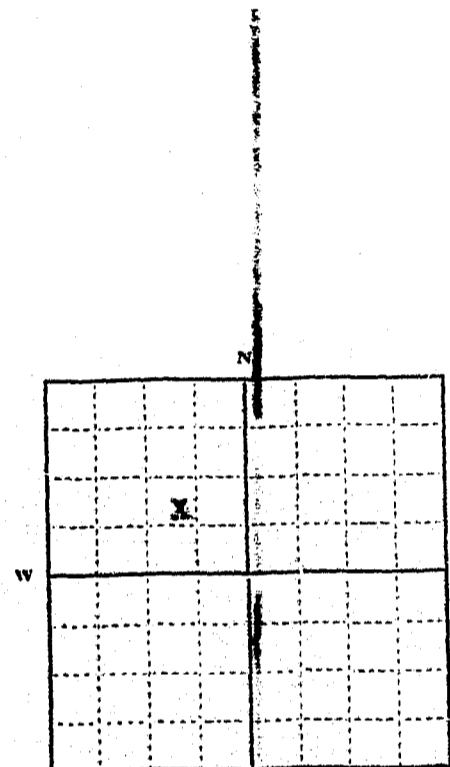
County Lea

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 13 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)



NW 1/4 Sec. 28 T. 12 R. 4

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

Date of Appropriation of Groundwater 1920

Owner Babalka Bros. Address Route 1, Helena,
Montana

Contractor (if any) None

Address of Contractor

Date Started 1920 Date Completed 1920

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

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

five
gallons per minute.

Signature of Owner Dolph B. Babalca

Date 12-30-63

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

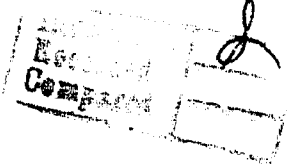
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the
works are located.

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.

31288

152057



STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 8 day of Jan
A.D. 1967 at 36 min. past
7 o'clock 9 M.

Records of Lewis & Clark
County, State of Montana.

[Signature]
County Recorder.

By M. Rose
Deputy

5.200

29

File No.

DUPLICATE

T.

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner

Address

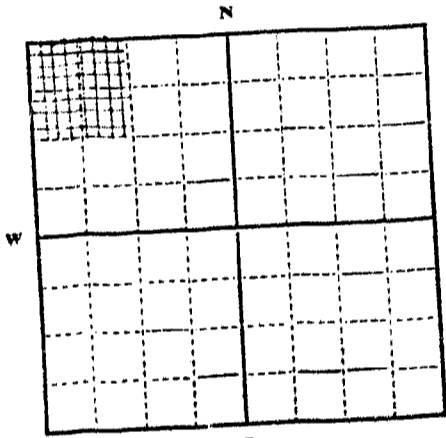
Contractor (if any)

Address of Contractor

Date Started

Date Completed

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



SE 1/4 Sec. 29 T. 12 R. 4

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

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

estimate approximate lengths of periods of use

3 gallons per minute

Used stock water April - Nov

Signature of Owner

Date July 7, 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 Quaduplicate for the Appropriator.

140190

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS.

I hereby certify that the within in-
strument was filed in my office on
this 7th day of Feb
A.D. 1963 at 2.0 min. past
10 o'clock A.M.

Records of Lewis & Clark
County, State of Montana

Arthur L. Smith
County Recorder
By James C. Russell
Deputy

2100

31290

152059

STATE OF MONTANA } SS
COUNTY OF LEWIS & CLARK }

I hereby certify that the within in-
strument was filed in my office on
this 8 day of Jan
A.D. 1924 at 38 min. past
9 o'clock A.M.

Records of Lewis & Clark
County, State of Montana

John J. Donnell
County Recorder
By M. L. Ladd
Deputy

22

File No.

T. 12 N. R. 4

DUPLICATE

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 13 1964

Notice of Completion of Groundwater Appropriation
Without Well

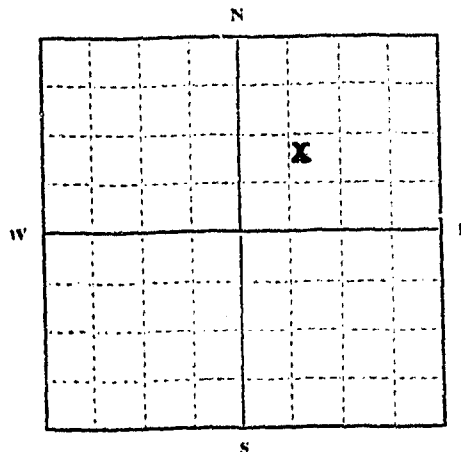
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....1914.....Owner Dabelka Brothers Address Route 1, Helena,
MontanaContractor (if any) None

Address of Contractor

Date Started 1914 Date Completed 1914

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

NE $\frac{1}{4}$ Sec. 34 T. 12 R. 4Indicate 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. Approx.
five
gallons per minute.

By Dolph Dabelka
Signature of Owner Dabelka Bros

Date 12-30-63

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.

152058

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 6 day of Jan
A.D. 1964 at 37 min. past
9 o'clock A.M.

Records of Lewis & Clark
County, State of Montana.

Deless J. J. J.
County Recorder

By M. J. J.
Deputy

\$2⁰⁰

GROUNDWATER INDEX

Page of

County L+C Twp. 12N Rge. 3W

[illegible]

File No.

T. 12N R. 3W

DUPLICATE

County LEC

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater
Appropriation by Means of Well**
(Under Chapter 237, Montana Session Laws, 1961)

Owner GATES OF THE MOUNTAINS, INC. Address Box 478, HELENA

Driller PRICE & LINDSAY Address CLANCY, MONT

Date of Notice of Appropriation of Groundwater

Date well started 3-19-1962 Date Completed 3-20-1962

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

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

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

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

GRAVEL & CLAY
4 FT

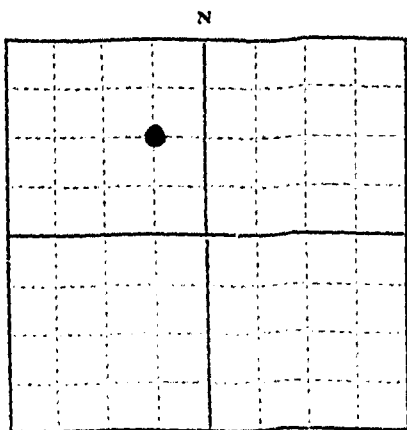
BROKEN SHALE,
ROCK & CLAY
12 FT

CLAY
23 FT

LAYERED SAND & CLAY
36 FT
SAND
37 FT

Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 1/4" I.D.</u>	<u>15# BLK</u>	<u>0</u>	<u>37</u>			



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

Static Water Level for non-flowing Well 10 FT FROM TOP feet.

Shut-in Pressure for Flowing Well

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

Discharge in gal. per min. of flowing well

How Tested BOILER Length of Test 2 HRS

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

38
Driller's License Number

Wesley Lindsay
Driller's Signature

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

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

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

38231

156765

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within in-
strument was filed in my office on
this 22 day of May
A.D. 1964 at 10 m. West
10 o'clock A.M.

Records of Lewis & Clark
County, State of Montana.

County Recorder

By C. Lyndie
Deputy

2.05

Indexed
Recorded
Compared

L

File No.

T. 12 N. R. 3 W.

DUPLICATE

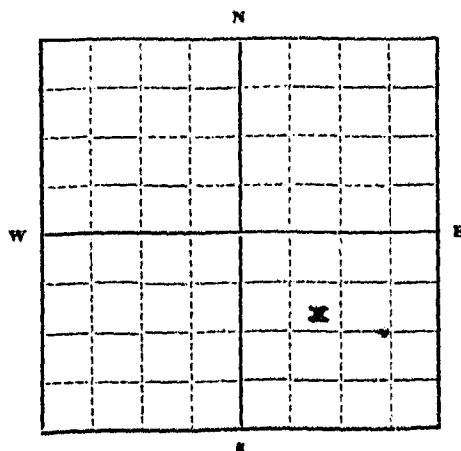
County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Hilger Hereford Ranch Co. of Route 1 Helena
(Name of Appropriator) (Address) (Town)
County of Lewis and Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4, Sec. 3, T12N R. 3W

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.....
December 1958
Every year during winter feeding season
November thru May.
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
15 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Windmill type pump and cylinder with pump
jack and gas engine
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
December 1958
8. The depth of water table.....
15 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
Depth of well 30 feet
6 inch casing for 30 feet.
10. The estimated amount of groundwater withdrawn each year.....
126,000 gallons
11. The log of formations encountered in the drilling of each well if available.....
1 1/2 feet top soil, 9 feet shale gravel, 10 feet clay gravel, 6 1/2 feet clay,
3 feet 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.....

Hilger Hereford Ranch Co.

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.

138728

Accepted
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 18th day of Dec
A.D. 1942 at 12 min. past
12 o'clock — M.

Records of Lewis & Clark
County, State of Montana

Delbert J. Smith
County Recorder

By Lanaine C. Russell
Deputy

2100

File No.

DUPLICATE

T. 12 N. R. 3 W.

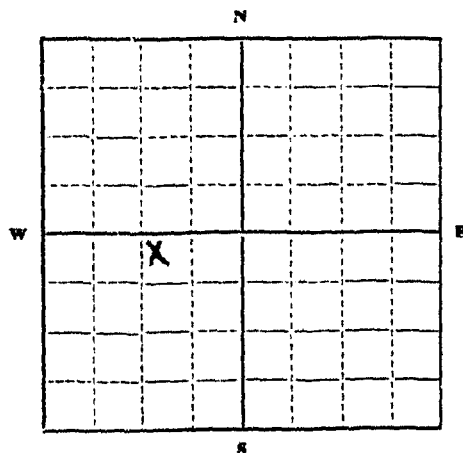
County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Montana Power
1. By Daniel A. Helger of Helena, Montana
(Name of Appropriator) (Address) (Town)
County of Lewis & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.W. 1/4 Sec. 3 T. 12 N. R. 3 W.

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 April 1923 - Used daily and continuous since 1930
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 gal per Min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof about 4 Acres on S.W. 1/4 of Sec. 3, T. 12 N. R. 3 W
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Centrifugal Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started and finished well in April 1923
8. The depth of water table About 14 ft. varies from 4 ft. to 20 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Hand dug, 5 ft. dia. Concrete lined 22 ft. deep
10. The estimated amount of groundwater withdrawn each year 1,500,000 gal per year
11. The log of formations encountered in the drilling of each well if available Mixture of sand Soil and gravel all 22 ft.
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

Montana Power
Signature of Owner Daniel A. Helger

Date 12-31-63

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

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

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

36225

152423

COUNTY OF

I hereby certify that the instrument was duly recorded

the 13th day of Jan

A.D. 1964

10

County of Montana

John J. Donich
County Recorder

M. J. Lee
Deputy

2

Indexed
Recorded
Compared

File No.

T 12 N R 3 W

DUPLICATE

County L & C

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

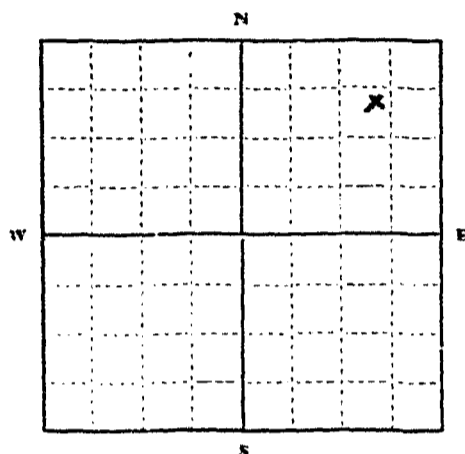
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964

STATE ENGINEER

1. Sieben Ranch Co. of Prof. Bldg. Helena
(Name of Appropriator) (Address) (Town)
County of L & C State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 4 T. 12 N. R. 3 W.

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

2. The beneficial use on which the claim is based
livestock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
app. 1932 & continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
18 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
No
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
well SW 1/4 NE 1/4 Sec. 4 T. 12 N. R. 3 W.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
app. 1932
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
cased well 80' deep gas engine run pump
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
No
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

Sieben Ranch Co.

Date

12-23-63

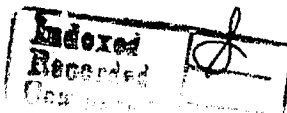
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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.

27458

157630



STATE OF MONTANA } SS.
COUNTY OF LEWIS & CLARK }

I hereby certify that the within in-
strument was filed in my office on
this 31 day of Dec
A.D. 1963 at 46 min. past
12 o'clock P.M.

Edmund J. Smith
County Recorder

W. J. Smith
Deputy

20-12

File No.

T. 12N R. 3W

DUPLICATE

County L & C

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

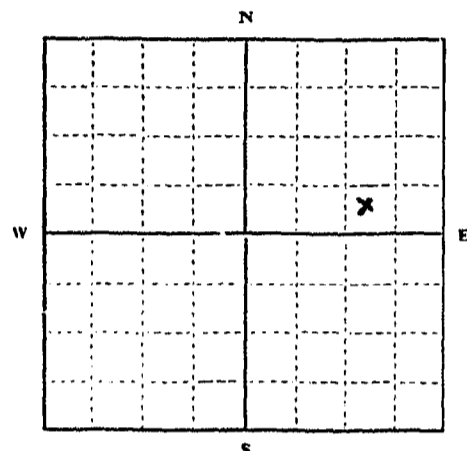
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 8 1964

STATE ENGINEER

1. Sieben Ranch Co., of Prof. Bldg. Helena
(Name of Appropriator) (Address) (Town)
County of L & C State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 8 T. 12N R. 3W

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

2. The beneficial use on which the claim is based
livestock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
app. 1932 + continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
18 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
No
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
well NE 1/4 Sec. 8 T. 12N R. 3W
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
app. 1932
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
cased well 40' deep Gas engine run pump
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
No
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 Sieben Ranch Co.
J. H. Bauman
Date 12-23-63

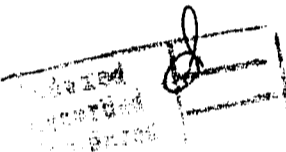
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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.

24461

151633



STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 31 day of Dec
A.D. 19 63 at 49 min. past
12 o'clock P.M.

Records of Lewis & Clark
County, State of Montana

John J. Smith

County Recorder

By Thatcher Case

Deputy

32 cc
pd

File No.

T. 12 N. R. 3 W.

DUPLICATE

County. L. C.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

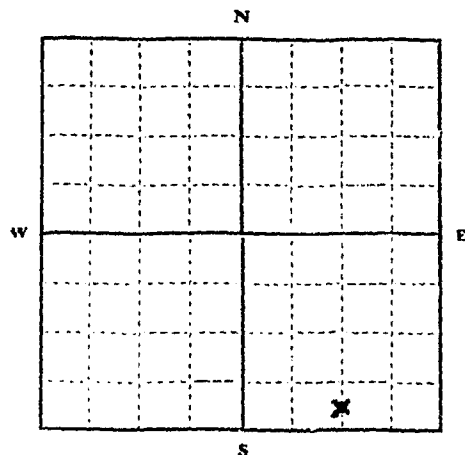
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Sieben Ranch Co., of Prac. Bldg. Helena
(Name of Appropriator) (Address) (Town)

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



$\frac{1}{4}$ Sec. 9 T. 12 N. R. 3 W.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
app. 1932 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
12 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
No.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
well S. 2 S. 2 E. 4 Sec. 9 T. 12 N. R. 3 W.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
app. 1932

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

cased well 120' deep gas engine run pump

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
No.

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 Sieben Ranch Co.
John J. Baranco
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.

27459

151631

RECORDED
INDEXED



STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 31 day of Dec
A.D. 1923 at 6 o'clock pm and
12 o'clock pm

Record of Lewis & Clark
County, State of Montana

John K. Smith
Deputy

2nd pd

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 William B. Sternbagen

Address 2031 Broadway

Helena, Montana 59601

Date well started March 24, 1973

completed March 28, 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 ☐

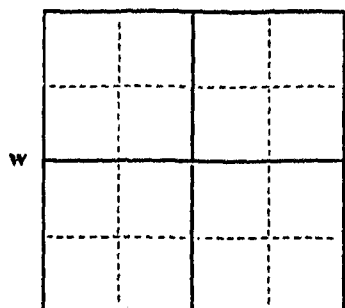
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 5/8"	6" 17 lb.	1.5'	30.3'			
	5" I D plastic	20.0'	115.0'	1/2" slot	80.0'	115.0'



Lot # 52

NE 1/4 Sec. 11

T. 12 N R. 3 E

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

Driller's Signature Leonard C. Matheson

Driller's Address 220 G. Carter Ave. West

Helena, Montana 59601

LICENSE NO. 225

County Lewis & Clark

DRILLER'S LOG

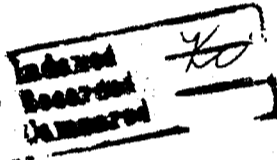
Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0.0'	2.0'	Brown silty top soil
2.0'	25.0'	Tan silty sandy gravel
25.0'	57.0'	Red siltstone shale
57.0'	80.0'	Grey shale with 1 gpm water
80.0'	105.0'	Red shale
105.0'	115.0'	Grey shale
115.0'		Bottom of hole
105.0'	110.0'	Water zone 2 1/2 gpm

115.0' Show exact depth of bottom

54787

236400



STATE OF MONTANA }
COUNTY OF LEWIS & CLARK } SS.

I hereby certify that the within instrument was filed in my office on this 29 day of April A.D. 19 73 at 25 min. past 9 o'clock A.M.

Records of Lewis & Clark
County, State of Montana.

John Donich
County Recorder

Carl Erickson
Deputy

200

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 William B. Sterns

Address 2031 Broadway

Helena, Montana

Date well started March 29, 1973

completed April 1, 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 ☐

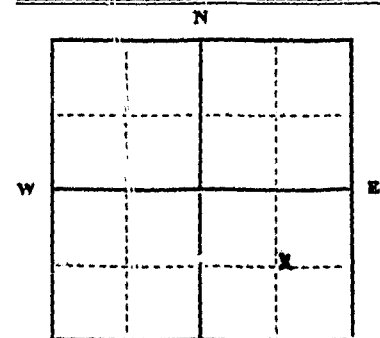
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 5/8"	6" I D 17 lb.	1.5'	41.5'	3/8" slot	28.0'	31.0'



lot 777
T. 12 N. 3 R. 3 S. 5 W. 5

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

Driller's Signature Samuel C. Mahlum

Driller's Address 220 C. Custer Ave. West

Helena, Montana 59601

LICENSE NO. 225

County Lewis & Clark

DRILLER'S LOG

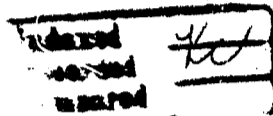
Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0.0	6.0	Silty loam
6.0	13.0	Silty sandy gravel
13.0	23.0	Sandy gravel
23.0	33.0	Gravelly sand
33.0	35.5	Tan clayey silt with scattered gravel
35.5	39.7	Tan clayey sand with water
39.7	45.0	Grey clay with shale partings (weathered bedrock)
45.0	46.5	Red speckled shale with 3 gm water
46.5		Bottom of hole in grey limestone

46.5' Show exact depth of bottom

547.88

236402



STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 29 day of June
A.D. 1973 at 27 min. past
9 o'clock A.M.

Records of Lewis & Clark
County, State of Montana

John Kovach
County Recorder

Carl Erickson
Deputy

J.00

Wm Steinhagen
Lobb, Rivette & Lobb
833 N. Main
Helena, MT

236401

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } S:

I hereby certify that the within in-
strument was filed in my office on
the 29 day of June
19 75 at 21 min. past
9 o'clock A.M.

Records of Lewis & Clark
County, State of Montana

John A. Smith
County Recorder
Carol Erickson
Deputy
2.00

Indexed Yes
Recorded Yes
Filed Yes

File No.

T. R.

DUPLICATE

County 540

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

SEP 20 1963

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Helena Harold Parsh Address Helena MontDriller Stetter Riddick Address Helena MontDate of Notice of Appropriation of Groundwater 8-1-63Date well started 7-9-63 Date Completed 7-31-63Type of well Stock water Equipment Used Churn drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒

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

Top of Ground
(Elev. above sea level 3500)

0 to 16 1/2 ft. top soil

16 1/2 to 23 ft

Granite cap

23 ft to 30 ft White shale

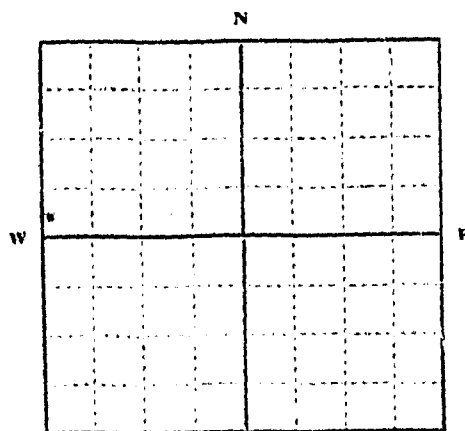
30 to 35 Grey shale

35 to 109 Red shale

Total depth drilled

109 ft.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	15#	0	108	None		



T. 14 N. Sec. 14 R. 12 W.

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

Show exact depth of bottom.

Static Water Level for non-flowing Well 37 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 10.3 feet at 2 1/2 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Boiler Length of Test 4 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)

Mont. Lic. No. 49
Driller's License Number

Stetter Riddick
Driller's Signature

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

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

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

5978

RECEIVED
RECORDED
INDEXED

148146

STATE OF MONTANA } SS.
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 19 day of Sept.
A.D. 19 63 at 15 min. past
10 o'clock A.M.

Records of Lewis & Clark
County, State of Montana

John J. Smith
County Recorder
By Norma Kelley
Deputy

2.00

File No.

T. 12 N. R. 3 E.

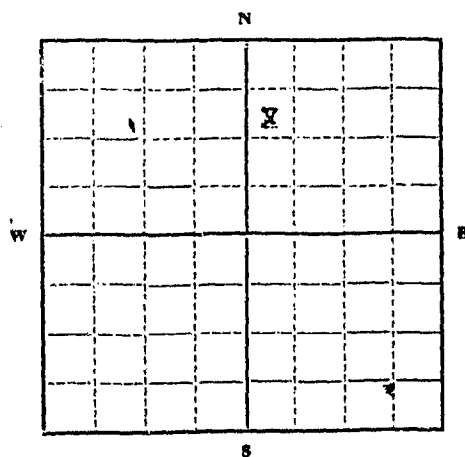
DUPLICATE

County Lewis & Clark

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. Hilger Hereford Ranch Co., of Route 1, Helena
(Name of Appropriator) (Address) (Town)
County of Lewis and Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 22, T. 12 N R. 3 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 con-
tinuous the use has been..... November 1952
Every year during the dry season, April thru
November.
4. The amount of groundwater claimed (in miner's inches or gallons
per minute)..... 12 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.....
Windmill type pump and cylinder with pump jack
and gas engine.
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater..... November 1952
8. The depth of water table..... 90 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..... Depth of well 130 feet; 6 inch casing for
17 feet, solid rock thereon.
10. The estimated amount of groundwater withdrawn each year..... 72,000 gallons
11. The log of formations encountered in the drilling of each well if available.....
17 feet gravel, 113 feet limestone and shale.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record.....

Hilger Hereford Ranch Co.

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.

138730

Indexed
Recorded
Compared

STATE OF MONTANA } SS.
COUNTY OF LEWIS & CLARK }

I hereby certify that the within in-
strument was filed in my office on
this 18th day of Sept
A.D. 19 07 at 10 min. past
12 o'clock P.M.

Records of Lewis & Clark
County, State of Montana.

County Recorder
by Thomas C. Russell
Deputy

2:00

File No.

T. 12 N. R. 3 W.

DUPLICATE

County L. & C.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1920

Owner Sieben Ranch Co. Address Helena, Mont

Contractor (if any) none

Address of Contractor

Date Started Date Completed Sept. 1963

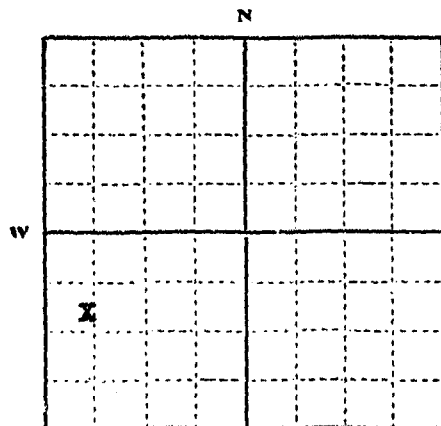
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Dug out natural spring with crawler tractor
and shovel and installed treated box and piped
to troughs for livestock

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.

runs 2 gal. per minute by timing and is used
all but the winter months



NW 1/4 Sec 28 T. 12 N. R. 3 W.

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

Signature of Owner by Sieben Ranch Company
J. H. Baucus

Date 12-23-63

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.

24457

151629

Indexed
Recorded
Filed

[Handwritten signature]

STATE OF MONTANA
COUNTY OF LEWIS & CLARK | SS.

I hereby certify that the within in-
strument was filed in my office on
this 31 day of Dec
A.D. 19 63 at 45 min. past
12 o'clock P M.

Records of Lewis & Clark
County, State of Montana.

[Handwritten signature]

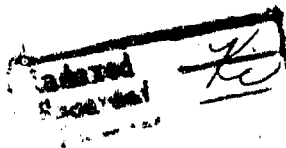
County Recorder

By *[Handwritten signature]*
Deputy

[Handwritten initials]

55628

236552



STATE OF MONTANA
COUNTY OF LEWIS & CLARK } S:

I hereby certify that the within in-
strument was filed in my office on
this 29 day of June
A.D. 1973 at 30 min. past
12 o'clock P.M.

Records of Lewis & Clark
County, State of Montana

John K. Kinnick
County Recorder

By Carol Kinnick
Deputy

2.00

216745

Indexed
Recorded
Compared

[Handwritten initials]

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

hereby certify that the within in-
strument was filed in my office on
the 21 day of April
A.D. 19 71 at 0 min. past
1 o'clock P. M.

Records of Lewis & Clark
County, State of Montana.

County Recorder

by *Carl Erickson*
Deputy

2.00

West Rd.

County LEWIS & CLARK

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 DENNIS J. DONWEN

Address 8752 0046495

Circle, Helena, Montana

Date well started March 1, 1972

completed March 3, 1972

Type of well Shelled

(Dug, driven, bored or drilled)

Equipment used Kalany

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒

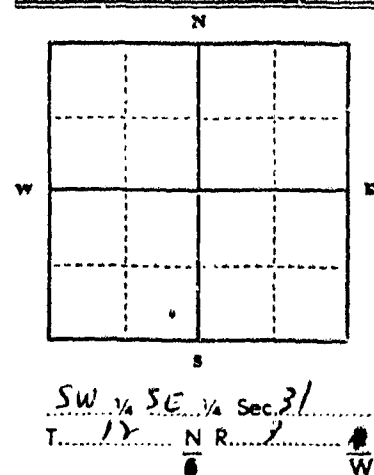
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

***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 80,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Head Size	From (Feet)	To (Feet)
6"	1716	0	21ft	Linear-	21ft	195ft



Static water level 120 ft.*
Pumping water level 180 ft.*
at 20 gallons per minute,
measured 60 minutes after pumping
began.

*Measured from ground level.

Well developed by win
for 2 hours. 21

Power. ele..... Pump..... 314..... HP

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

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

Driller's Signature N. Wesley Lindsay

Driller's Address Clancy Montana

LICENSE NO. 38

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)

[illegible]

195- Show exact depth of bottom

50,168

224670

STATE OF MONTANA }
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within in-
strument was filed in my office on
this 6 day of Apr
A.D. 19 72 at 50 min. past
2 o'clock P.M. and record-
ed on page of Book
at Records of Lewis and
Clark County, State of Montana.

John Daniels
County Recorder

Betty Stafford
Deputy

SAC