

GROUNDWATER INDEX

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Rge. 14

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
13	Hoopes, W. J., + W. Rauch	GW 2	190374	
13	Mackey, Annie	GW 4	174215	
13	O'Connell, James	GW 2	210756	
13	O'Connell, Mr. M.	GW 2	226097	
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13	Olson, Maynard A.	GW 2	227633	
13	Rauch, William R. + Hoopes, Wm. J.	GW 2	217959	
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17	Casey, James B.	GW 3	236834	
18	Cape, Josephine J.	GW 2	225325	
19	Behrville, Leon L.	GW 2	234210	
19	Behrville, Lester	GW 2	231455	
22	Chenierse, Margaret W. + Jack de tt	GW 3	151532	
22	Schewe Co.	GW 4	152312	
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26	Branny, R.	GW 2	217114	
30	Hoopes, Dr. Wm.	GW 2	235660	
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30	Johnson, C.	GW 2	231454	
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30	Pierson, David	GW 2	235785	
30	Wojcik, Mel + Michele	GW 2	235329	
31	Brassmann, Dallas J. + Chas. E.	GW 4	151787	
31	Patten, Don Charles	GW 4	151528	
32	Patten, Don Charles	GW 4	151528	See Sec. 31
	Bonner, Josephine A.	GW 4	151022	
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	Planck, Ross	GW 2	169139	
13	Knox, Ed	GW 2	216734	

File No. _____

DUPLICATE

T. 10 N 1 ECounty Levi

JAN 16 1964

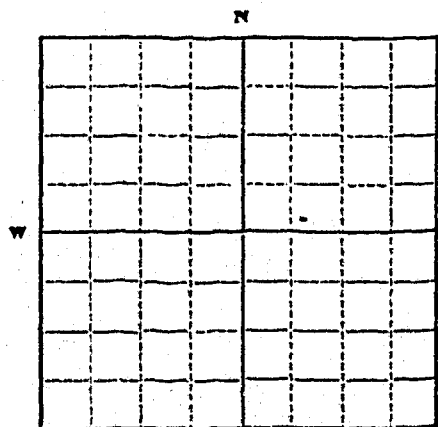
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Mary Amundson of 529 5th Ave. Helena
(Name of Appropriator) (Address) (Town)
County of Levi & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW 1/4

1/4 Sec. 1 T. 10 N. R. 1 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 household,
lawn, irrigation garden
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been 1959
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 60 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
small garden
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal
electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater June 1959
8. The depth of water table 30 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater deep well, six inch, 92 ft
10. The estimated amount of groundwater withdrawn each year 200,000 gallon per year
11. The log of formations encountered in the drilling of each well if available
dirt, gravel, hard pan, 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 not available

Signature of Owner Mary AmundsonDate December 31, 1963

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

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

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

36.77

152 371

RECEIVED
RECORDED
JAN 24 1964

STATE OF MONTANA } SS
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 13 day of Jan
A.D. 1964 at 5:45 min. past
8 o'clock A. M.

Records of Lewis & Clark
County, State of Montana

John J. Powell
County Recorder
By M. Lee
Deputy

22

GW 2

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

File No. _____

DUPLICATE

LOG

MONTANA WATER RESOURCES BOARD
RECEIVED

JUN 23 1969

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERT. 10 N. R. 10 W.
County Lewis & Clark

Top of Ground

(Elev. above sea level 3800)**Notice of Completion of Groundwater
Appropriation by Means of Well**
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

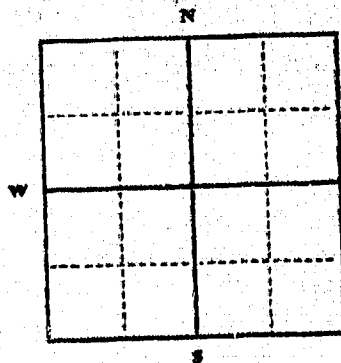
Owner Mary K. Bridges Address 1833 C. Street
Butte, MontanaDriller A. P. Welch Address Helena, Mont.

Date of Notice of appropriation of groundwater _____

Date well started April 23 Date completed April 24, 1969Type of well Drilled Equipment used Cable Tool
(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)
<u>6 5/8</u>	<u>6 5/8</u> <u>19 Lb.</u>	<u>0</u>	<u>63</u>		<u>No</u>	

Water LevelStatic Water Level for non-flowing well 20 feet.Shut-in Pressure for Flowing Well NonePumping Water Level 15 feet
at 15 gal. per minute.Discharge in gal. per min. of flowing well NoHow Tested BailerLength of Test 2 hrs.

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

None

(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).

Water Level
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.

100
Driller's License NumberA. P. Welch
Driller's Signature.

203830

Indexed
Recorded
Compared

JK

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } S9

I hereby certify that the within in-
strument was filed in my office on
this 3 day of June
A.D. 1929 at 10 min. past
9 o'clock A.M.

Records of Lewis & Clark

[Signature]

County Recorder

[Signature]

Deputy

[Signature]

RECEIVED
JUN 11 1929
A.E.D.

100

100

100

100

100

100

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100

100

100

100

100

100

100

100

GW 1

Approved Stock Form—State Publishing Co., Helena, Montana—42324

File No.

MONTANA WATER RESOURCES BOARD

T.

10 R 1

DUPLICATE

RECEIVED

County

Lewis & Clark

LOG

NOV 16 1970

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner

Sam Carson

Address

H. Harrison

Driller

A. F. WELCH

Address

HELENA, MONT

Date of Notice of appropriation of groundwater

Date well started

JULY-15

Date completed

JULY-11-1970

Type of well

DRILLED

Equipment used

CABLE TOOL

(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.

Doc. No.

213750

Filed for record

this

12 day of

November

A. D. 19

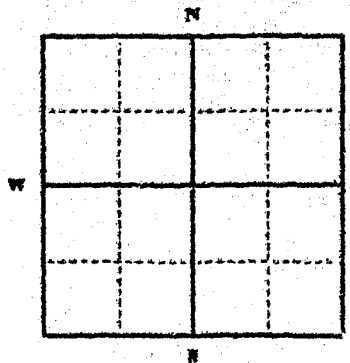
70, at

8:40

o'clock

12 M.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 5/8	17 LB	0	90			NO



Static Water Level for non-flowing well

25 feet.

Shut-in Pressure for Flowing Well

NA

Pumping Water Level

90 feet

at

20 gal. per minute.

Discharge in gal. per min. of flowing well

NO

How Tested

BAILER

Length of Test

2 HRS

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

NO

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).

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

Driller's Signature

477755

213750

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

hereby certify that the within in-
strument was filed in my office on
the 16 day of Nov
A.D. 1920 at 40 min. past
8 o'clock A.M.

Records of Lewis & Clark
County, State of Montana

John J. Daniels
County Recorder

2.00

RECORDED
INDEXED
FILED
NOV 16 1920
LEWIS & CLARK COUNTY
MONTANA

RECORDED

INDEXED

FILED

NOV 16 1920

LEWIS & CLARK COUNTY

MONTANA

RECORDED

INDEXED

FILED

NOV 16 1920

LEWIS & CLARK COUNTY

MONTANA

File No.

RECEIVED

DUPLICATE

LOG

NOV 16 1970

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 SAMUEL P. CARSON Address FT. HARRISON

Driller A. E. WELCH Address HELENA, MONT

Date of Notice of appropriation of groundwater

Date well started JULY-15 Date completed JULY-16-1970

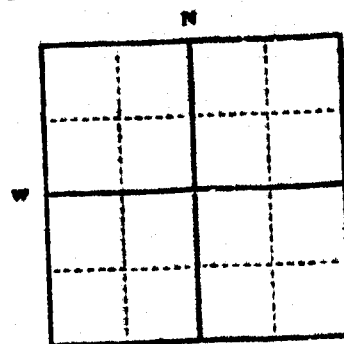
Type of well DRILLED Equipment used CABLE TOOL
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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.

LOG No. 213750
Filed for record
this 12 day of November
A. D. 19 70 at 8:40
o'clock P.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>1 5/8</u>	<u>17LB</u>	<u>0</u>	<u>90</u>		<u>NO</u>	



Static Water Level for non-flowing well 25 feet.

Shut-in Pressure for Flowing Well NO

Pumping Water Level 90 feet
at 20 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BAILER

Length of Test 2 HRS

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

NO

(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).

Driller's License Number

A. E. Welch
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, these copy to be retained by driller.

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

47755

File No. _____ STATE WATER CONSERVATION BOARD

T 10N R 1W MPM

DUPLICATE

JAN 17 1965

County LEWIS & CLARK

LOG

McDermott

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Leland R. or Ruby Address 1235 Helena Avenue
Cattlemole
 Driller A. F. WELCH Address HELENA

Date of Notice of appropriation of groundwater _____

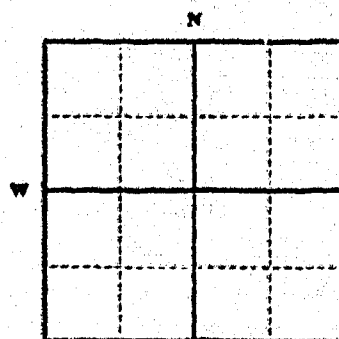
Date well started AUG 20 Date completed AUG. 21-65

Type of well DRILLED Equipment used CABLE
 (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.

Site of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
65 8	65 8	0	76			



Tr. 0.51 Acres

1/4 Sec. 3 T. 10N R. 1W.
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well

30 feet.Shut-in Pressure for Flowing Well NOPumping Water Level 30 feetat 20 gal. per minute.

Discharge in gal. per min. of flowing well

NOHow Tested BALLERLength of Test 2 HRS.

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

NO

(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).

DOMESTIC USE AT CABIN & TRAILER SITE
AT CANYON FERRY RECREATIONAL AREA
AREA AREA OF USE - ABOUT 1/2 ACRES.
LEWIS & CLARK RECORDER NO 760197 LOT 5

Driller's License Number

A. F. Welch
 Driller's Signature

40752

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, thence copy to be retained by driller.

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

SAND

GRAVEL

WATER

Show exact depth of bottom.

174225

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on
the 11 day of January
A.D. 1966 at 4:55 min. pm
9 o'clock pm

Records of Lewis & Clark
County, State of Montana

[Handwritten signature]
[Handwritten signature]
200

Indexed
Registered

[Handwritten mark]

[Vertical handwritten text]

GW
File No.

Duplicate

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

County Rich

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

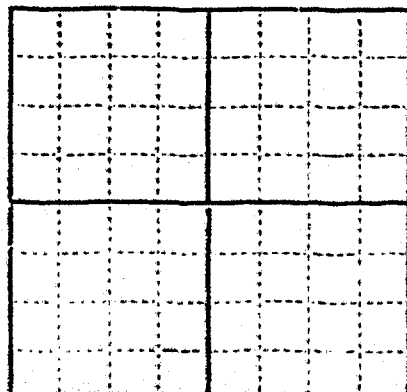
RECEIVED
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. RALEIGH D. DUNN, of 21.80TH. ST. SO. GREAT FALLS, MONTANA
(Name of Appropriator) (Address) (Town)
County of Cascade State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



THE SHADING LOCATES THE
LOCATION OF WELL.

1/4 Sec. 3 T. 1 R.
Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based DOMESTIC
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1 JUNE 1964 CONTINUOUS USE THEREAFTER
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 GPM (MAX)
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ELECTRIC NET PUMP
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater START 1 SEPTEMBER 1963, AND PROXIMATE COMPLETION 1 JUNE 1964.
8. The depth of water table 74 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 ONE ONLY WELL, WITH A SIX INCH CASING, DRILLED TO A DEPTH OF SEVENTY FOUR FEET.
10. The estimated amount of groundwater withdrawn each year ?
11. The log of formations encountered in the drilling of each well if available THIS INFORMATION MAY BE AVAILABLE FROM MR. A.W. WELCH JR., WESTERN TRAILER CO., HELENA, MONTANA.
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 LEWIS AND CLARK COUNTY, PAGE 260, BOOK 231 ON WARRANTY FIELD.

Signature of Owner

Date 28 Dec 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.

28980

A TRACT OF LAND LYING IN THE WEST HALF OF THE NORTHEAST QUARTER OF
 TEN (10) NORTH, RANGE 1 WEST, LEWIS AND CLARK COUNTY, MONTANA,
 BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
 BEGINNING AT THE QUARTER CORNER COMMON TO SECTIONS 2 & 10,
 TOWNSHIP 10 NORTH, RANGE 1 WEST, LEWIS AND CLARK COUNTY, MONTANA,
 1540.4 FEET, TO A BRASS CAPPED PIN IN THE CORNER COMMON TO SECTIONS 2 & 10,
 WHICH IS THE POINT OF BEGINNING OF THE NORTHEAST QUARTER OF
 250 FEET TO A POINT OF BEGINNING OF THE NORTHEAST QUARTER OF
 OF 150 FEET TO A POINT OF BEGINNING OF THE NORTHEAST QUARTER OF
 DISTANCE OF 314.8 FEET TO A POINT OF BEGINNING OF THE NORTHEAST QUARTER OF
 N. 60° 15' E. 150 FEET TO A POINT OF BEGINNING OF THE NORTHEAST QUARTER OF

152016

Indexed
 Recorded
 Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
 strument was filed in my office on
 this 8th day of Jan
 A.D. 1907 at 8:57 min. past
 2 o'clock A.M.

Records of Lewis & Clark
 County, State of Montana

By Lawrence C. Russell
 Deputy

327

152-014

INDEXED
RECORDED
COMPLETED

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within and
attested by me this 23rd day of June
A.D. 1907 at Lewis & Clark
Records of Montana

County Recorder
BY *James H. Russell*
Deputy

A TRACT OF LAND LYING IN THE WEST HALF OF THE NORTHEAST QUARTER OF
THE SOUTHWEST QUARTER (W1/2NE1/4SW1/4) OF SECTION TWO (2), TOWNSHIP
TEN (10) NORTH, RANGE ONE (1) WEST, LEWIS AND CLARK COUNTY, MONTANA,
BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE QUARTER CORNER COMMON TO SECTIONS 2 AND 3,
TOWNSHIP 10 NORTH, RANGE 1 WEST, THENCE S-89°44' W. A DISTANCE OF
1340.4 FEET, TO A BRASS CAPPED PIN IN THE COUNTY ROAD; THENCE
S.6°15' E. A DISTANCE OF 315.9 FEET TO A POINT MARKED BY AN IRON PIN
WHICH IS THE POINT OF BEGINNING, THENCE N.83°45' E. A DISTANCE OF
250 FEET TO A POINT MARKED BY AN IRON PIN; THENCE S.6°15' E. A DISTANCE
OF 150 FEET TO A POINT MARKED BY AN IRON PIN; THENCE S.83°45' W. A
DISTANCE OF 250 FEET TO A POINT MARKED BY AN IRON PIN; THENCE
N.6°15' W. A DISTANCE OF 150 FEET TO THE POINT OF BEGINNING.

File No. _____

JUL 7 1970

T 10 No R 1 West

DUPLICATE

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION 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)

Owner Donald A. Nelson 812 1/2 East 2nd
Warren E. Hill Address Great Falls, Mont
Driller A.F. WELCH Address HELENA

Date of Notice of appropriation of groundwater _____

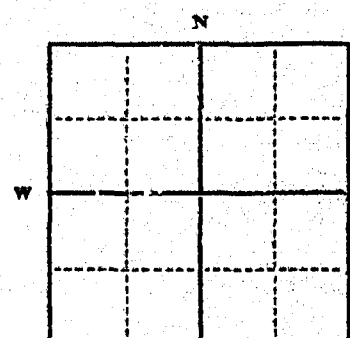
Date well started APR 20 Date completed APR 22-70

Type of well DRILLED Equipment used CABLE TOOL
(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)
<u>6 5/8</u>	<u>6 5/8</u>	<u>0</u>	<u>108</u>	<u>1 1/2</u>		
	<u>19 LB</u>					

Static Water Level for non-flowing well 30 feet.Shut-in Pressure for Flowing Well N.O.Pumping Water Level 120 feet at 25 gal. per minute.Discharge in gal. per min. of flowing well N.O.How Tested BAILERLength of Test 2 HRS

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

Doc. No. 210533

Filed for record

this 25 day of JuneA. D. 19 70, at 9:00o'clock A M.

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

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

Show exact depth of bottom.

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

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

Driller's License Number 100Driller's Signature A. F. Welch

46645

Indexed
Recorded
Compared

whereby certify that the within instrument was filed in my office on this 25 day of June A.D. 19 70 at 2 min. past 9 o'clock A.M.

County, State of Missouri
John L. Smith
 County Recorder
Carl A. Smith
 Deputy

2.00

tuam b'iel

Donald A. Milson

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[The page contains extremely faint, illegible vertical text.]

1. The first part of the document is a list of names and their corresponding addresses. The names are listed in a column on the left, and the addresses are listed in a column on the right. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

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File No. _____

T. 10 N. R. 1 W.

DUPLICATE

County Bozeman

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER AUG 4 1964

**Notice of Completion of Groundwater
Appropriation by Means of Well**
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level _____)

0-14' firm bentonite

14'-22' very tight bentonite with
some boulders 22' - 36' sandy
bentonite

36'-114' firm gray bentonite

114-119 - soft red shale

119-120 soft bentonite

120'-130' firm bentonite
with some shalefirst water at 93' very
silty

113'-114' approx 159 P.M.

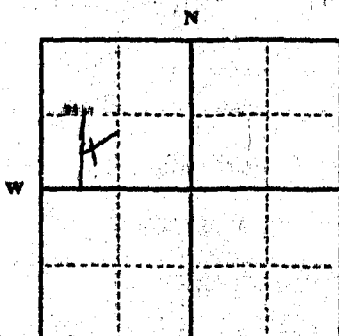
Owner Arnold B. Taylor Address 1102 Babcock St.,
Bozeman, MontanaDriller Price & Lindsey Address Clancy, Mont.

Date of Notice of appropriation of groundwater _____

Date well started 5-1-64 Date completed 5-12-64Type of well drilling 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		
6"	4 1/2" O.D. 0	121'	121'	Kind	From (Feet)	To (Feet)
	Now 17 lb			1 1/4" x 1/4"	113'	114'
	5" L.D. liner from 121' to 130'					
	liner touch perforated					



N

1/4 Sec. 2 T. 10 N. R. 1 W.
Indicate location of well and
place of use, if possible. Each
small square represents 40
acres.

Static Water Level for non-flowing well
_____ feet.

Shut-in Pressure for Flowing Well _____ feet.

Pumping Water Level _____ feet.

at _____ gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested baillerLength of Test 3 1/2 hrs

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number _____

Robert Price
Driller's Signature

38352

158875

I hereby certify that the within instrument was filed in my office on this 24th day of July A.D. 1964 at St. Louis, Mo. 10 o'clock A.M.

Records of Lewis & Clark
County, State of Montana.

Records & Civil Clerk
County, State of Montana.
John L. Lonsch
County Recorder
Thomas A. Pappell
Deputy

2:00

[illegible]

THE UNIVERSITY OF CHICAGO

1950

File No. _____

DUPLICATE

RECEIVED
AUG 10 1964

Approved State Form State Publishing Co., Helena, Montana 41933

T. 10 N. R. 13 E. Sec. 2

Lewis & Clark

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER JUL 20 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Arnold B. Taylor Address 1102 W. Main

Driller P. C. Lindsay Address Clancy

Date of Notice of Appropriation of Groundwater _____

Date well started 5-1-64 Date Completed 5-12-64

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

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

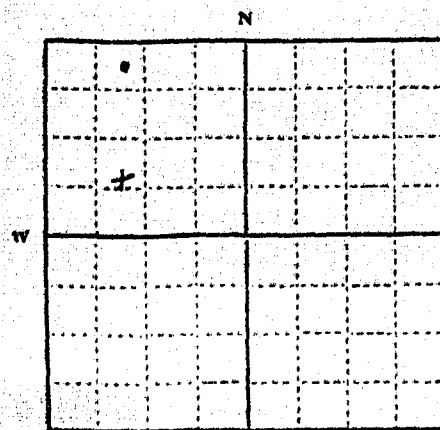
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Top of Ground _____
(Elev. above sea level _____)
0-1' firm bentonite
14-22' very tight bentonite with some boulders
22-56' sandy bentonite
56-114' firm gray bentonite
4-119' soft red shale
119-120' soft bentonite
120-130' firm bentonite with some shale

First water at 43'
very silty

113'-114' approx 15 g.p.m.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" O.D.	0	121'	1/4" x 2"	113'	114'
	5" I.D. liner	from 121' to 130'		liner rock perforated		



8 1/2, 8 7/8, 9, 9 1/4
1/4 Sec. 2 T. 10 R. 1
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 9.0 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 10.5 feet at 25-30 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested bailer Length of Test 3 1/2 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

Robert Price
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.

38362

158875

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
the 24th day of July
A.D. 1964 at 10 o'clock A.M.

Records of Lewis & Clark
County State of Montana

John Russell
County Recorder

200
Deputy

INDEXED
RECORDED
SERIALIZED

1

GW-1

File No.

T. 10N R. 1W

DUPLICATE

County Lewis and Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

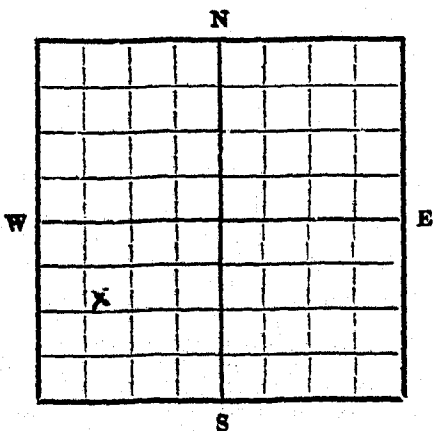
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



SW 1/4 Sec. 2 T. 10N R. 1W

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 for recreational purposes
 3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 25, 1960
continuous use
 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 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 hand lift pump
 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well started July 18, 1960 - completed July 20, 1960
 8. The depth of water table 65'
 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" pipe - 65' deep
 10. The estimated amount of groundwater withdrawn each year 1 acre-foot
 11. The log of formations encountered in the drilling of each well if available
0' - 6' top soil and gravel, 6' - 27' clay, 27' - 36' clay and gravel, 36' - 57' fine sand and gravel, 57' - 64' clay and seams of sand, 64' - 65' clean 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 This water is used for domestic, household, stock watering and similar uses by employees of the United States, its agents, and the public in connection with operation of recreational facilities at the Canyon Ferry Federal Reclamation Project.
- United States of America
Signature of Owner E. Richard Amis
For Regional Director, Region 4, Bureau of Reclamation
Date December 13, 1963

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

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

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

149.54

Indexed
Recorded
Compared



151249

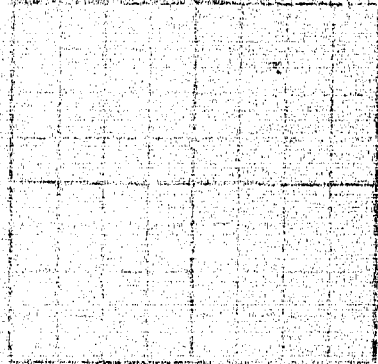
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 23 day of Dec
A.D. 1963 at 4:45 min. past
1 o'clock P.M.

Record of Lewis & Clark
County, State of Montana.

Richard J. Davis
County Recorder
By *Norma Shelley*
Deputy

~~2.00~~
No Fee



151249
Dec 23 1963
4:45 P.M.

County Recorder's Office

RECORDED

INDEXED

RECORDED

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104-16
County of 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 Bradley Bruce

Address Canyon Ferry
Helena Montana

Date well started March 10, 1913

completed March 11, 1973

Type of well Drilled

Equipment used Churn

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

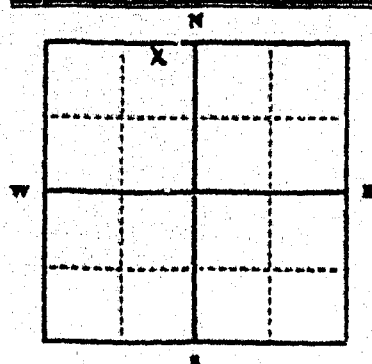
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

***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 80000

Size of Drilled Hole	Size and Weight of Casting	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	191b	0	60			
	Linear	60	100	1/4"x3"	Linear	
					60	100



NE 1/4 NW 1/4 Sec. 3
T. 10 N R. 1 E
S W

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

Driller's Signature Wesley Lindsay

Driller's Address Cherry Mountain

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

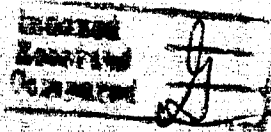
(Elev. above sea level)

[illegible]

100 Show exact depth of bottom

52,849

233568



STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on
this 10th day of April
A.D. 1923 at 12:00 min. past
the clock of noon.

Records of Lewis & Clark
County, State of Montana.

[Signature]
Notary Public

RECORDED
INDEXED
MAY 10 1923
COUNTY OF LEWIS & CLARK
STATE OF MONTANA

CANYON FERRY

File No. _____

T 10 N R 1 W

~~QUADREPLICATE~~
DUPLICATE

CHINAMANS' GULCH

County LEWIS & CLARK

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

3

Top of Ground

(Elev. above sea level _____)

0. To - 10 FT.
GRAVEL10 FT - 28 FT.
CLAY & GRAVEL28 FT - 40 FT.
CLAY & BENTONITE40 FT. - 54 FT.
BENTONITE54 FT - 56 FT.
GRAVEL & SANDNotice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Fish & Game Dept Address: Helena, MONT.

Driller: Wesley Lindsay Address: Clancy, MONT.

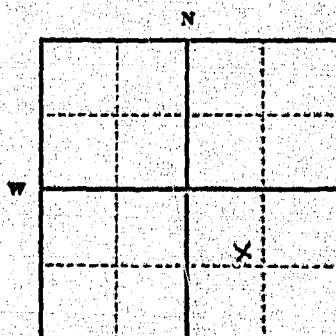
Date of Notice of appropriation of groundwater _____

Date well started: SEPT. 26 - 1966 Date completed: SEPT. 28 - 1966

Type 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" 19-16	0	55	NONE		



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____

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

Discharge in gal. per min. of flowing well _____

How Tested: PUMP

Length of Test: 2 HRS.

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

NW 1/4 Sec 9, T10N R1W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Wesley Lindsay
Driller's Signature

41,446

Indexed
Recorded
Compared

183072

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 15 day of Dec
A.D. 19 66 at 55 min past
8 o'clock a.m.

Records of Lewis & Clark
County, State of Montana

John J. Daniel
County Recorder

by *Norman J. Kelley*
Deputy

Notary - State

CANYON FERRY

File No.

T. 10N R. 1W

3

~~OUTSTANDING~~ COURT, SHERIFF NO. 2
Duplicate

County LEWIS & CLARK

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)

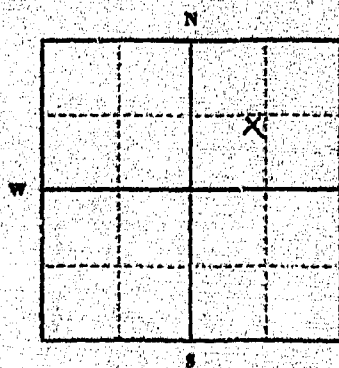
Owner Fish & Game Dept Address HELENA, MONT.Driller Wesley Lindsay Address Claire, MONT.

Date of Notice of appropriation of groundwater

Date well started SEPT. 12 - 1966 Date completed SEPT. 14 - 1966Type 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	From (Feet)	To (Feet)
6"	19-16	0	74	NONE		

Static Water Level for non-flowing well 35 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 40 feet
at 15 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested PUMPLength of Test 2 HRS

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

SW 1/4 NE 1/4 Sec. 3 T. 10N R. 1W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

38
Wesley Lindsay
Driller's Signature

GW

CANYON FERRY

Approved Stock Form—State Publishing Co., Helena, Montana—4232—3

File No.

T. 10 N. R. 1 W. 3

DUPLICATE

COURT SHERIFF NO. 1.

County LEWIS & CLARK

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

0-15 FT.
GRAVEL & SHALE
& CLAY15 FT. TO - 60 FT.
BENTONITE60 FT. TO - 75 FT.
HARD PAN75 FT. - 84 FT.
CLAY84 FT. - 86 FT.
GRAVEL & SAND.

DEC 19 1966

Notice of Completion of Groundwater

Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner FISH & GAME DEPT Address HELENA, MONT.

Driller WESLEY LINDSAY Address GILNEX, MONT.

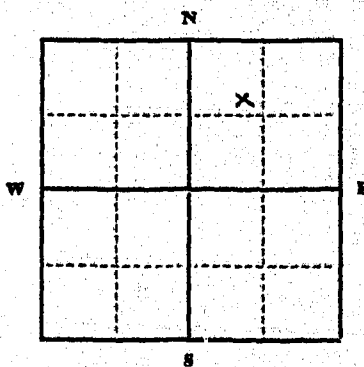
Date of Notice of appropriation of groundwater

Date well started SEPT. 6-1966 Date completed SEPT. 8-1966

Type 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"	4" 19 lb	0	84	NONE		

NW 1/4 NE 1/4 Sec. 3 T. 10 N. R. 1 W.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 38 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 50 feet
at 15 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested PUMP

Length of Test 2 Hrs.

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Wesley Lindsay
Driller's Signature

41,450

Indexed
Recorded
Compared

183069

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } St

I hereby certify that the within instrument was filed in the office on this 19 day of Dec A.D. 1966 at 4:0 min. past o'clock A.M.

Records of Lewis & Clark
County, State of Montana

John J. Smith
County Clerk
Norma Reddy
Deputy
R. Lee

RECORDED IN BOOK 110 PAGE 110
INDEXED IN BOOK 110 PAGE 110
FILED IN BOOK 110 PAGE 110

File No.

T 10N R 1W

DUPLICATE

County Lewis and Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

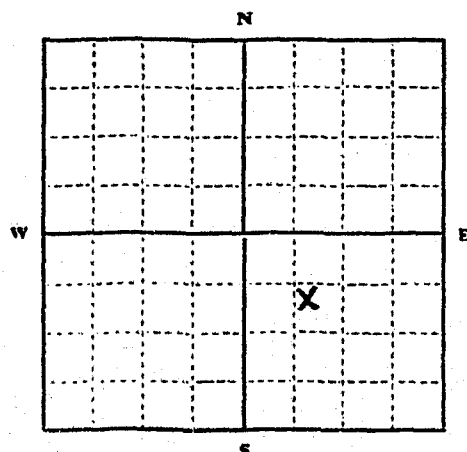
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Bureau of Reclamation

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



NW 1/4 Sec 4 T10N R1W

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 Municipal and Domestic at the Canyon Ferry Government Camp
3. Date or approximate date of earliest beneficial use; and how continuous the use has been September 1948 — continuous to date present
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 350 G.P.M.
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 Lawns & Shrubs - Canyon Ferry Government Camp
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Deep Vertical, Deep Well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 7-12-48 to 9-1-48
8. The depth of water table 32 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 Well #1, drilled, with 12' casing, 19 feet deep, with 14 foot water table. Well #2, drilled, with 12' casing, 27 feet deep, with 32 foot water table
10. The estimated amount of groundwater withdrawn each year 610 acre-feet
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 This water is used for domestic, household, stock watering, and similar uses by employees of the United States, or its agents in connection with operation of the Canyon Ferry Federal Reclamation Project.

United States of America
Signature of Owner E. Richard Anesi
For Regional Director, Region 6, Bureau of Reclamation
Date December 13, 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.

14955

Indexed
Recorded
Compared

151250

STATE OF MONTANA
COUNTY OF LEWIS

I hereby certify that the within in-
strument was filed in my office on
this 27 day of Dec
A.D. 1963 at 11 min. past
11 o'clock A.M.

Records of Lewis & Clark
County, State of Montana

John A. ...
County Recorder
Norma Bailey
Deputy

2.00
No Fee

File No. _____

AUG 15 1965

T 10 N R 1 W

DUPLICATE

LOG

Bill _____
 Butzel _____
 Coyle _____
 Darr _____
 Dy _____

County L + C. 9

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 3800)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner C. V. SHERIFF Address CANYON FERRYDriller HAND DUG Address _____

Date of Notice of appropriation of groundwater _____

Date well started _____ Date completed _____

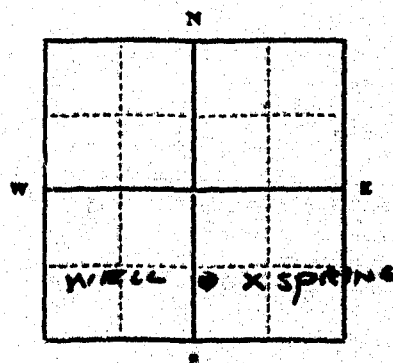
Type of well DUG Equipment used _____
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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)
DUG	2 FT. DIA. CEMENT	SURFACE	22			
2 FT. DIAM.						

BOTTOM

Static Water Level for non-flowing well 10 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 18 feet at 3.6 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested PUMPLength of Test 2 HR

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

S W 1/4 Sec. 9 T 10 N R 1 W
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number _____

Driller's Signature

41, 310
410310

180481

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 9 day of Aug
A.D. 1926 at 3 min past
o'clock P. M.

Records of Lewis & Clark
County, State of Montana

John L. Smith

County Recorder

W. E. Case

Deputy

25

NOTICE TO CREDITORS
In and for the County of Lewis & Clark, State of Montana, I, the undersigned, Clerk of the County of Lewis & Clark, do hereby give notice to all creditors of the County of Lewis & Clark, State of Montana, that the same have been appointed for the purpose of settling the accounts of the County of Lewis & Clark, State of Montana, on the 10th day of August, 1926, at 10 o'clock A.M. in the County of Lewis & Clark, State of Montana.

WITNESSED my hand and the seal of the County of Lewis & Clark, State of Montana, this 9th day of August, 1926.

JOHN L. SMITH
Clerk of the County of Lewis & Clark, State of Montana

RECEIVED
1926
AUG 10
COUNTY OF LEWIS & CLARK
STATE OF MONTANA

File No. _____

MONTANA WATER RESOURCES BOARD

T10 N R1 W1

DUPLICATE

RECEIVED

County LEWIS + CLARK

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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, as amended)

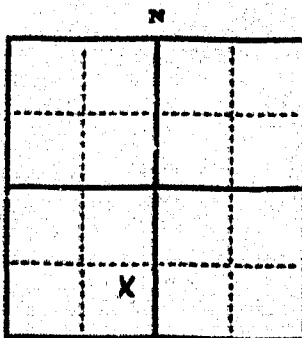
Owner Van Shuff Address Casper, Wyo.Driller Wesley Lindsey Address Clancy, Mont.

Date of Notice of appropriation of groundwater _____

Date well started April 12, 19 Date completed April 13, 19Type of well Shallow Equipment used Churn
(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)	PERFORATING		
				Blind Size	From (Feet)	To (Feet)
6"	17 LB	0	22			
	12 LB	12	35	Zirconium from 23 ft to 35 ft		

Static Water Level for non-flowing well 15 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 28 feetat 3.0 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested BacklogLength of Test 3 hours

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff) _____

S.E. 1/4 Sec. 9 T10 N R1 W1

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Wesley Lindsey
Driller's Signature.

45,206

RECEIVED

County Lawrence

DRILLER'S LOG

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 Van Shorff
Address Canyon Ferry
Helena, Mont.
Date well started May 24, 1971
completed May 26, 1971

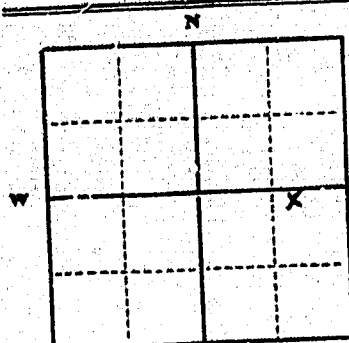
For Administrator's Use	
File	<u>223994</u>
Date	<u>March 8, 1972 1:35 pm</u>
GW	<u>1</u>

Type of well Drilled
(Dug, driven, bored or drilled)
Equipment used Churn
(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 200,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6"</u>	<u>17 lb</u>	<u>6</u>	<u>41</u>	<u>none</u>		



NE 1/4 SE 1/4 Sec. 9
T. 10 N. R. 1 W.

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

Driller's Signature Wesley Lindsay
Driller's Address Clancy Montana

LICENSE NO. 38

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>8</u>	<u>clay</u>
<u>8</u>	<u>12</u>	<u>gravel</u>
<u>12</u>	<u>28</u>	<u>clay + broken rock</u>
<u>28</u>	<u>41</u>	<u>Fault Rock</u>

41 Show exact depth of bottom

50,028

223994

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 22 day of April
A.D. 1922 at 3 min. past
5 o'clock P. M. and record-
ed on page 1 of Book
of Records of Lewis and
Clark County, State of Montana.

William Stafford
County Recorder

200

?

**INDEXED
RECORDED
SERIALIZED**

I hereby certify that the within instrument was filed in my office on this 14 day of Feb A.D. 19 72 at 72 min. past 10 o'clock AM and recorded on page 7 of Book 10 of Records of Lewis and Clark County, State of Indiana.

[Signature]
 County Recorder
 [Signature]
 [Signature]
 [Signature]

File No. _____
DUPLICATE

RECEIVED
MAY 20 1964

Approved Stock Form—State Publishing Co., Helena, Montana—2234

T. 10 N. R. 1 W.
County Lewis & Clark

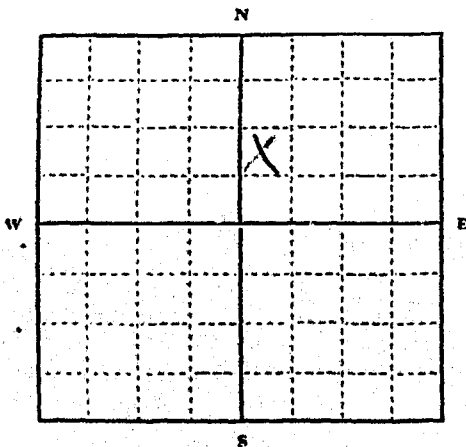
STATE ENGINEER
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. J. Mark D. Olby, of Co. for Jerry, Helena
(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. 11. T. 10 N. R. 1 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 irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been since April 15, 1962
continuous
4. The amount of groundwater claimed (in miner's inches or 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 Electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 15, 1962
8. The depth of water table 4 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
10. The estimated amount of groundwater withdrawn each year 100 gals
11. The log of formations encountered in the drilling of each well if available 100 gals
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner J. Mark D. Olby

Date Jan 2, 1964

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

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

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

27029

152124

[Handwritten signature]

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. 19 64 at 56 min. past

2 o'clock P. M.

Records of Lewis & Clark
County, State of Montana

[Handwritten signature: J. H. Daniel]

County Recorder

by *[Handwritten signature: M. L. ...]*
Deputy

200

File No. _____

T. 10 N. R. 1 W.

DUPLICATE

County *S & C*

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

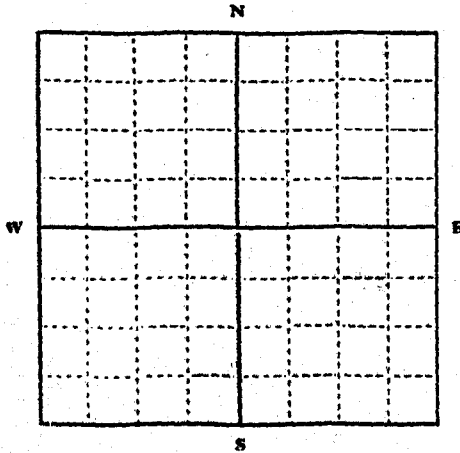
RECEIVED
JAN 13 1954

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. *E. E. Berdagnoli*, of *Lot # 8 Canyon Ferry*
(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. 11 T. 10 R. 1
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.
Lot # 11 top ed 10
Rq 1 E 3

2. The beneficial use on which the claim is based *lawson*
3. Date or approximate date of earliest beneficial use; and how continuous the use has been *1957*
4. The amount of groundwater claimed (in miner's inches or gallons per minute) *250 gallons per day*
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
E. E. Berdagnoli
Helena P. Berdagnoli
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 *1957*
8. The depth of water table *30 ft*
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
12 feet deep
6 inch casing drilled well
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well if available *un 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 *Book 1 page 56 line 3*

Signature of Owner

Date *12/1/63*

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.

31341

Recorded
Compared

152276

COUNTY _____ STATE OF MONTANA

I hereby certify that the within instrument was filed in my office on this 10 day of Jan A.D. 1967 at 10 min. past 10 o'clock A.M.

Records of Lewis & Clark County, State of Montana

County Recorder

By M. Lass Deputy

12⁰⁰ pl

[Faint handwritten notes and signatures in the bottom right corner]

File No. _____

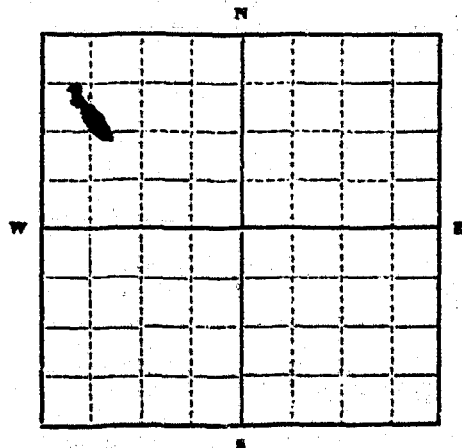
DUPLICATE

T. 10^N R. 1^W
County L & C.STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
AUG 14 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Josephine A. Bonner of 801 Stuart Street, Helena, Montana
(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:1/4 Sec. T RIndicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based domestic and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been well has been in continuous use and is in use now since Spring of 1958
4. The amount of groundwater claimed (in miner's inches or gallons per minute) fifteen 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 on my own leased Lot from the State of Montana, Lot no. 10 Canyon Ferry, Montana, Maple Bay, Canyon Ferry, Montana.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal one well from which our water is pumped by power pump.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced April 1958, and then drilled deeper and completed October 1, 1961.
8. The depth of water table 35 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater the well is seventy two feet deep - 6 1/4 I.D. with size and weight of casing 171 lb
10. The estimated amount of groundwater withdrawn each year fifteen gallons per minute except during the months of November, December, January and February of each year.
11. The log of formations encountered in the drilling of each well if available the log of well is hereto attached. The driller of the well was Price and Lindsay of Clancy, Montana.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner _____

Date August 1st, 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.

5388

copy of
sailing log and time

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CONTROL
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1931)

Top of Ground
(Elev. above sea level)

0 - 6 ft - topsoil
& clay

6 ft to 31 ft
clay & sand

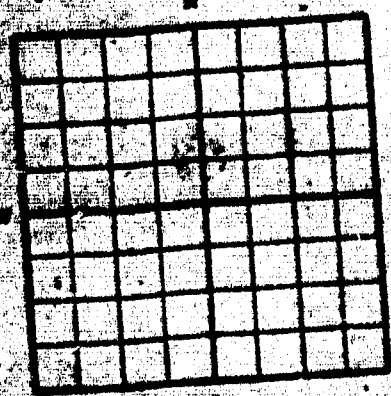
→ Static level

31 ft to 34 ft
Bentonite
clay

35 ft to 62 ft
silt & sand

63 ft to 70 ft
clay

70 ft to 72 ft
clay gravel
& water



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

Show exact depth of bottom.

Owner Mr. Bonner Address Congress

Driller Price Lindsey Cheney, Montana

Date of Notice of Appropriation of Groundwater

Date well started Sept 196 Date Completed Oct 1, 1961

Type of well Shallow Equipment Used Churn
(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.

Top of Drilled Well	Top and Weight of Casing	From (Feet)	To (Feet)	From (Feet)	To (Feet)
62 ft	171 lb	0	72 ft		

Static Water Level for non-flowing Well 50 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 45 feet at 10 gpm.

Discharge in gal. per min. of flowing well

How Tested Similar to that of Test No. 1

Remarks: (Gravel packing, casing, packers, type of shaft, loca-
tion 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 Signature
Price Lindsey
Driller's Name

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

GW

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

File No. _____

T. 10 N. R. 1 W

DUPLICATE

LOG

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JUL 8 1965

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner

BRIDGES

Address

183 E. Street
Butte, Mont

Driller

A. F. WELCH

Address

HELENA

Date of Notice of appropriation of groundwater _____

Date well started

JUNE 16

Date completed

JUNE 17-65

Type of well

DRILLED

Equipment used

CABLE

(Dug, Driven, bored or drilled)

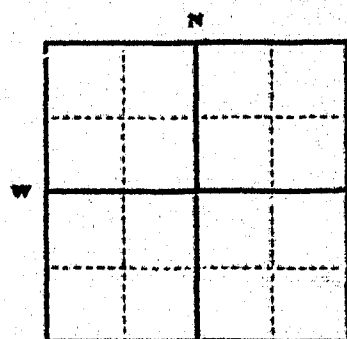
(Cable drill, rotary or other)

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.

Diameter of Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8	0	64			
	1 1/2					



Static Water Level for non-flowing well

30 feet

Shut-in Pressure for Flowing Well

NO

Pumping Water Level

30 feet

at _____ gal. per minute.

Discharge in gal. per min. of flowing well

NO

How Tested

BAILER

Length of Test

2 HRS

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

NONE

Sec. 11 T. 10 N. R. 1 W

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

Lot # 52

(Continue on reverse side)

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

Show exact depth of bottom.

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

A. F. Welch

Driller's Signature

39279

Department of Natural Resources and Conservation
Water Resources Division
Engineering Bureau
Groundwater Section
Sam W. Mitchell Building
Helena, Montana 59601

Owner Charles Ceartin 59601
Address 110 East Forschelli-Helena,
Location T. 10N, R. 1W, Sec. 11 Mt.
Doc. No. 222080

11

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions: Please provide, as indicated in red on the attached form, the claimed water use.

Thank you.

Sent on
9/17/72

51,001

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8 17LB	0	46			

WATER
SAND

RECEIVED
JUL 24 1972

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Doc. No. 222080
Filed for record
this 17th day of July
A. D. 19 72 at 9:25
o'clock P.M.

NW 1/4 SW Sec. 11 T. 10 N. R. 1 W.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 30 feet.
Shut-in Pressure for Flowing Well N/D
Pumping Water Level 50 feet
at 20 gal. per minute.
Discharge in gal. per min. of flowing well N/D
How Tested BAILER
Length of Test 2 HRS
Remarks: (Gravel packing, cementing, packers, type of shutoff) NONE

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

A. Z. Welch
Driller's License Number

100
Driller's Signature

51,001

File No. _____

T. _____ R. _____

County 2.3.C

DUPLICATE

LOG

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 Charles Carter Address 1103rd Gravelly

Driller A.F. WELCH Address HELENA, MONT

Date of Notice of appropriation of groundwater _____

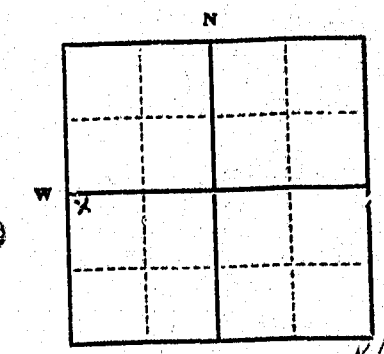
Date well started JULY 20 Date completed JULY 21-1970

Type of well DRILLED Equipment used CABLE TOOL
(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)
<u>6 5/8</u>	<u>6 5/8</u> <u>17LB</u>	<u>0</u>	<u>46</u>			



Static Water Level for non-flowing well 30 feet.

Shut-in Pressure for Flowing Well N.O.

Pumping Water Level 50 feet at 20 gal. per minute.

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

How Tested BAILER

Length of Test 2 HRS

Remarks: (Gravel packing, cementing, packers, type of shutoff) NONE

RECEIVED

JUL 24 1972

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Doc. No. 222080
Filed for record this 17th day of July
A. D. 19 72, at 9:25
o'clock P.M.

NW 1/4 SW Sec. 11, T. 10 R. 1W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

A. F. Welch
Driller's License Number

100
Driller's Signature

51,001

157

hereby certify that the within in-
strument was filed in my office on

o'clock of _____
d on page _____ of Book _____
Records of Lewis and _____

Clark County, State of Montana.

County Recorder

[Handwritten signature]

[Signature] Deputy

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...and the *Journal of the American Medical Association* (JAMA) has been the most influential of the medical journals in the United States. The *JAMA* is a weekly journal that publishes research, clinical reports, and reviews. It is the most widely read and cited of the medical journals in the United States. The *JAMA* is published by the American Medical Association (AMA), which is a professional organization of physicians. The *JAMA* is a peer-reviewed journal, which means that its content is evaluated by other experts in the field before it is published. The *JAMA* is a leading source of information for physicians and other healthcare professionals. It is also a valuable resource for patients and the general public. The *JAMA* is a journal that is read by a wide range of people, from medical students to seasoned physicians. It is a journal that is respected and trusted by the medical community. The *JAMA* is a journal that is a part of the medical profession. It is a journal that is a part of the medical community. It is a journal that is a part of the medical world. It is a journal that is a part of the medical life. It is a journal that is a part of the medical future.

[illegible][illegible]

the 1990s, the number of people in the United States who are 65 years of age or older is projected to increase from 20 million to 35 million, and the number of people 75 years of age or older is projected to increase from 10 million to 17 million (U.S. Census Bureau, 1996). The number of people 85 years of age or older is projected to increase from 2 million to 4 million (U.S. Census Bureau, 1996). The number of people 90 years of age or older is projected to increase from 500,000 to 1 million (U.S. Census Bureau, 1996). The number of people 95 years of age or older is projected to increase from 100,000 to 200,000 (U.S. Census Bureau, 1996). The number of people 100 years of age or older is projected to increase from 10,000 to 20,000 (U.S. Census Bureau, 1996).

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[The following text is extremely faint and largely illegible due to poor scan quality. It appears to be a continuation of the report or a separate page.]

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1. General Information
 a. Name of the person: [REDACTED]
 b. Date of birth: [REDACTED]
 c. Place of birth: [REDACTED]
 d. Current address: [REDACTED]
 e. Telephone number: [REDACTED]
 f. Occupation: [REDACTED]
 g. Marital status: [REDACTED]
 h. Education: [REDACTED]
 i. Other relevant information: [REDACTED]

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Approved Stock Form—State Publishing Co., Helena, Montana—40876

File No. _____

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DUPLICATE

County L. & C.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

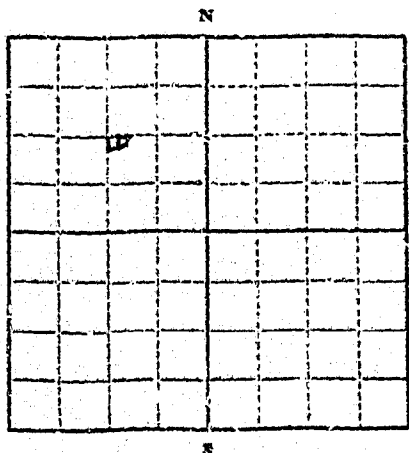
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JUN 28 1963

STATE ENGINEER

1. Clarence C. Christie of 513 South Raleigh Helena, 140, Montana
(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 of Sec. 11, T10N R. 34E

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

2. The beneficial use on which the claim is based Domestic and Irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1, 1957 from May to November
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 800 G. P. M.
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 Lot 18 on Canyon Ferry Lake, 20,000 sq. ft. C. C. Christie, Lessee
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well. Using deep well jet pump on lot 18 Canyon Ferry, located in Magic Bay
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1, 1957
8. The depth of water table 40 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well, Iron casing 6", Depth 45 feet
10. The estimated amount of groundwater withdrawn each year 200,000 g.p.m.
11. The log of formations encountered in the drilling of each well if available Bentonite & decomposed granite
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 Clarence C. Christie 513 South Raleigh, Helena, Montana No title - Canyon Ferry State Park Lot #18 Lot Sec. 11, T10N R. 34E Rgs 1 & 2 S. D. No. 33

Signature of Owner

Clarence C. Christie

Date 6-26-63

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.

4818

Indexed 1745459
Recorded
Sealed

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the instrument was filed in my office on this 27th day of June A.D. 1963 at 3:55 o'clock P.M.

Records of Lewis & Clark
County, State of Montana

John J. Conrich
County Recorder
James A. Russell
Deputy
2:00

RECORDED
JUN 27 1963
LEWIS & CLARK

GW 2

CANYON FERRY

Approved Stock Form—State Publishing Co., Helena, Montana—232

File No.

T. 10N R. 17W

DUPLICATE

We 11 #1 Shop Building

County LEWIS & CLARK

LOG

DEC 19 1966

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

0-21 FT.

Clay - CONTINUIT

21 FT. - 55 FT.

55 FT. - 80 FT.

HEAD PAN

STRIP LEVEL (74)

80 FT. - 105 FT.

CLAY & SANDS OF
LIGHT GRAVEL

105 FT. - 110 FT.

Gravel & Sand

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner

Driller

Date of Notice of appropriation of groundwater

Date well started

Date completed

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

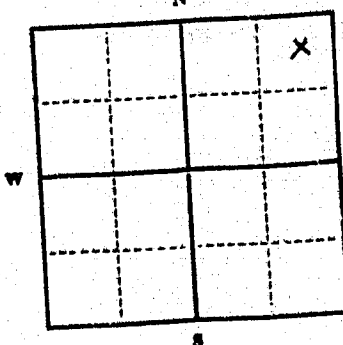
Equipment used (Churn drill, rotary or other)

Water use:

Domestic ☒Municipal ☐Stock ☐Irrigation ☐Industrial ☐Drainage ☐Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	19-16	0	110			

NE 1/4 Sec. 11 T. 10N R. 17W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

at gal. per minute.

Discharge in gal. per min. of flowing well

How Tested

Length of Test

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

41,452

183071

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } S:

I hereby certify that the within instrument was filed in my office on this 19 day of Dec A.D. 19 26 at 50 min past 8 o'clock A.M.

Records of J. J. & Clerk
County, State of Montana

County Recorder
By Norma Kelley
Deputy
No Fee - State

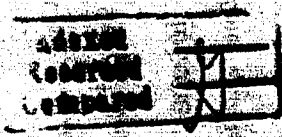
[illegible][illegible]

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2
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[illegible][illegible]

LICENSE NO. 271

225173



STATE OF MONTANA } ss
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 22 day of May
A.D. 19 22 at 9 o'clock A.M. and record-
ed on page of Book
in the Records of Lewis and
Clark County, State of Montana.

John Daniel
County Recorder

Penny Thomas
Deputy
2.22

5

File No. NOV 22 1965

DUPLICATE Bill _____ McDermott _____
 Co. _____ Morton _____
 Darlington _____ Sullivan _____
 Dickert _____

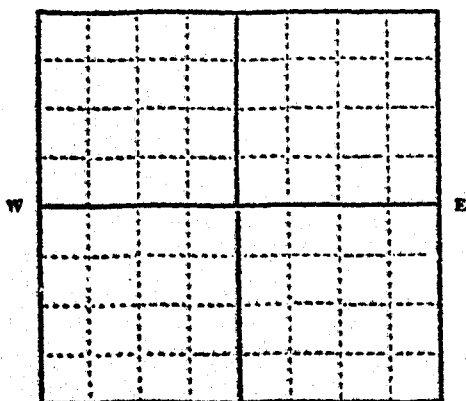
T. 10 R. 17
 County Lewis & Clark

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lester C. Gardiner of Canyon Ferry
 (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:



Lat 21-57
Sec. 11 T. 10 R. 17

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 Home Use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1962. Used all year.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Unknown
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 For Elmer & Gardiner Est. 100 Acs By 200 feet
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal By Well 67 feet Deep
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1962. Completed 2 days
8. The depth of water table Lake side
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 67 feet Deep 1 inch diameter water on pump
10. The estimated amount of groundwater withdrawn each year Annually use
11. The log of formations encountered in the drilling of each well if available Don't know
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Lester C. GardinerDate 11/5/65

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 Quaduplicate for the Appropriator.

39864

172981

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
the 14 day of May
A.D. 1965 at 10 o'clock A.M.

Records of Deeds & Chas.
County, State of Montana

John J. Linder
County Clerk

2.00

NOTED
COUNTY CLERK
RECEIVED
MAY 14 1965

File No. _____

DUPLICATE

LOG

Top of Ground

(Elev. above sea level _____)

0-5 ft - top soil + clay

5 ft to 20 ft
Clay - gravel

Static level

20 ft to 32 ft - Clay

32 - 46 ft - sand
+ gravel

46 ft - 48 - sand

48 ft - gravel

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERT. 10 N R. 1 W
County Deer
RECEIVED
SEP 14 1964Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1963

(Under Chapter 237, Montana Session Laws, 1961)

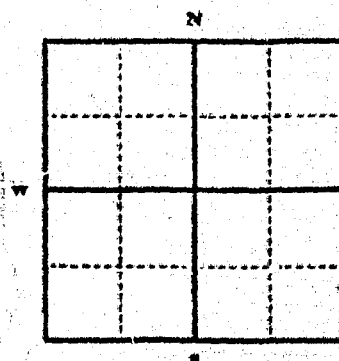
Owner John H. Hatcher Address Helena, MontanaDriller Wally Lindsey Address Clancy, Mont

Date of Notice of appropriation of groundwater _____

Date well started May 16-63 Date completed May 18-63Type of well Drilled Equipment used 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 in.	171	46			
			48			



1/4 Sec. 11 T20N R1W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____ feet.

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

Discharge in gal. per min. of flowing well _____

How Tested BottomLength of Test 2 hrs

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

(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. 48 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 38Driller's Signature Wally Lindsey

38459