

File No.

DUPLICATE

T. 25 R. 9E

County PARK

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

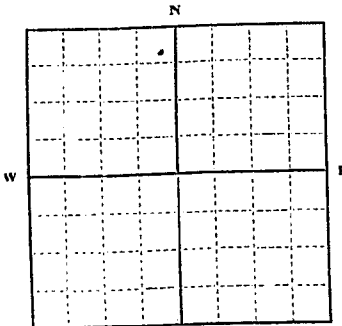
RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John H. Adams, of Box 701 Livingston
(Name of Appropriator) (Address) (Town)
County of Park State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



HELENA LOT 29 1/2 30

1/4 Sec 22 T. 25 R. 9E

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 Garden & Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Completed 1932
and continues use ever since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 gal Per Hour
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 Lawn & Garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Hand dug in 1932
8. The depth of water table Unknown
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 3ft wide 45ft deep
10. The estimated amount of groundwater withdrawn each year 450,000 gal Per year
11. The log of formations encountered in the drilling of each well if available Unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner John H. Adams

Date 12/27/63

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.

17895

Doc # 97996

Filed this 30th day of
December A. D. 1 965
for 10.08 o'clock P. M.
Margaret Monice
County Clerk and Recorder.
by Emma Bowers
Deputy
Fees \$2.00

File No.

OCT 7 1965

T 2 R 9E 23

DUPLICATE

Bille _____ McDermott _____
 Butcher _____ McNulty _____
 Coyle _____ Morton _____
 Darlington _____ Sullivan _____

County Park

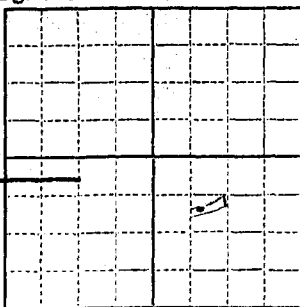
STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

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

Top Soil & Clay

Gravel

Tight Sand N



E. 1/4 Sec. 23 T. 3 R. 9
 Indicate location of well and
 place of use, if possible. Each
 small square represents 10 acres.

Sand and Gravel

Show exact depth of bottom.

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Robert S. Allred Address Hoffman Route
Livingston, Montana
P.O. Box 831
 Driller Donald C. Jones Address Bozeman, Montana

Date of Notice of Appropriation of Groundwater.....

Date well started 3-31-65 Date Completed 4-7-65

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.

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. 17#	1 1/2 ft above surface	44 ft	None		

Static Water Level for non-flowing Well 22 feet.

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

Pumping Water Level 44 feet at 20 gal. per minute.

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

How Tested Pump Length of Test 1 1/2 hr.

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

222 17
 Driller's License Number

Donald C. Jones
 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.

39672

104118

Filed this 6th day of
October A. D. 1965
at 3:00 o'clock P M

Emma Bauers
County Clerk and Recorder

File No.

T. 2 So. R. 9 East.

DUPLICATE

County. Park

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

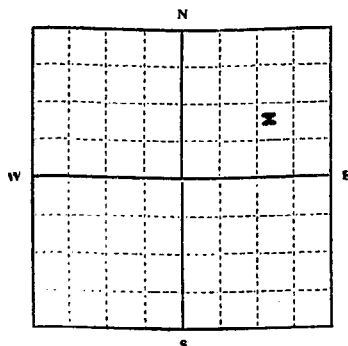
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Peter J. Anderson and Sylvia L. Anderson of Willisall, Box 123, Willisall, Montana.
(Name of Appropriator) (Address) (Town)

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



Section 1/4 Sec 23 T. 25 R. 9 E.

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

2. The beneficial use on which the claim is based.
Domestic and irrigation.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
June, 1943, used ever since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 250 gallons a day.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
one-fourth of an acre.
owned by appropriators above.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Electric pump and 100 gallon storage tank.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June, 1943 and completed in June, 1943.
8. The depth of water table. Well 70 feet deep, had 45 feet of water.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
Well is 70 feet deep. water withdrawn with 1" pipe and electric motor.
10. The estimated amount of groundwater withdrawn each year. 95,000.00 each year.
11. The log of formations encountered in the drilling of each well if available.
No information available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
No records.

Signature of Owner

Peter J. Anderson

Date December 26, 1943.

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.

17893

Lib. # 97996

Filed this 30th day of

Dec. A. D. 1 963

at 10:06 o'clock A. M.

Margaret Monro

County Clerk and Recorder.

By Betty Jane Lee Deputy.

for \$2.00

File No.

T. 280 R. 9E

DUPLICATE

County Park

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

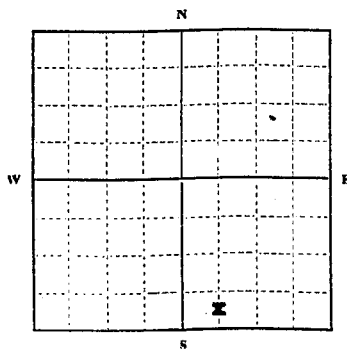
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. William Blome & Ben Strickland, of Livingston, Montana.
(Name of Appropriator) (Address) (Town)

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



Section 1/4 Sec. T. R. 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 About 1935. Used ever since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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
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
Electric pump.

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

8. The depth of water table 10 feet. Well is 40 feet deep.

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
withdrawn with 3/4 inch pipe, well is approximately 3 1/2 feet square, and was dug and lined with rock.

10. The estimated amount of groundwater withdrawn each year.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
no records kept.

Signature of Owner William Blome

Date December 23, 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.

12392

Doc # 97707

Filed This 23 day of
December A. D. 1963
at 11:21 o'clock a M.
Margaret Monical
County Clerk and Recorder.

By _____ Deputy.

fee \$ 2⁰⁰

File No.

DUPLICATE

T. 25 R. 9E

County Park

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

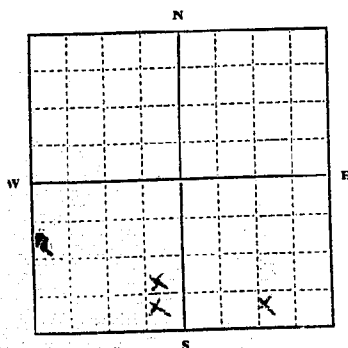
RECEIVED
JAN 3 1962

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Wester V. and Myrtle H. Swanson, of Hoffman Route, Livingston, Montana
(Name of Appropriator) (Address) (Town)

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



SE 1/4

Sec 23 T25 R 9E

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 Residences

3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been 1910 and 1925
Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 1000 gals 30 gals 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 loca-
tion of each well or other means of withdrawal
3 wells

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1910 and 1925

8. The depth of water table 30 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 65 feet deep - 500 gals per hour
deep wells

10. The estimated amount of groundwater withdrawn each year 11,000 gallons

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

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

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.

2064

98125

Filed this 31st day of
December A. D. 1963.
at 10:20 o'clock A M.
Margaret Munnick

County Clerk and Recorder.
By Emma Bowers Deputy
Fees \$2.00

File No.

T. 2 S. R. 9 East

DUPLICATE

County Park

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

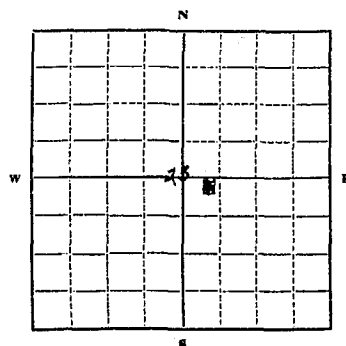
RECEIVED
NOV 27 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Kathryn Shelley, of Hoffman Route, Livingston
(Name of Appropriator) (Address) (Town)
County of Park State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 24
NW 1/4 Sec. 23 T. 2 S. R. 9 East

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 Drinking Water and Household Use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1936
Continuous since that time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1700 gal per hour

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 for irrigation, except to sprinkle the yard

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1936

8. The depth of water table Varies with river height

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, 40 ft. deep, 5 feet in diameter, before walling up with limestone, a big hole in bottom of well.

10. The estimated amount of groundwater withdrawn each year 73,000 gal.

11. The log of formations encountered in the drilling of each well if available 4 or 5 ft. good soil, layer of sand, clay down to about 20 ft., then 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 I don't know of any other information

Signature of Owner Kathryn Shelley

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.

152

Dec. # 97125

Filed this 26th day of

November A. D. 1963

at 4:20 o'clock P. M.

Margaret Monical
County Clerk and Recorder.

By Ernest Jones
Deputy.

Fee \$2.00

128033

Attest this 9th day of
May A. D. 1973
at 8:45 o'clock A. M.
Margaret Monice
County Clerk and Recorder.
By Harry Ross Lee
Chief Deputy.

Fee \$2.00

116.6" Show exact depth of bottom
from top of casing

110'6" Show exact depth of bottom
from top of casing.

128587

Filed this 39th day of June
June A. D. 1923
9:35 o'clock A. M.
Marquet Monreal
County Clerk and Recorder.
By Willis J. Lee
clerk. Deputy.
fee \$ 2.00

File No. _____

T. & R. 96

DUPLICATE

County Park

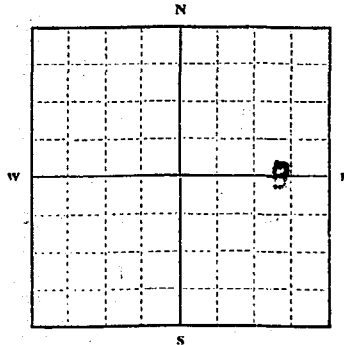
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 10 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Rudolph W. Peterson, of Box 368, Livingston,
(Name of Appropriator) (Address) (Town)
County of Park State of Montana,
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Section 1/4 Sec. 23 T. 28 R. 9E

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 September, 1952
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 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
one half acre.
in SW 1/4 of Section 23, T. 28 S., R. 9 E.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric motor and pump.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater September, 1952.
8. The depth of water table 60 feet. of 6" pipe.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Electric pump and motor and 6 inch pipe, to a depth of 60 feet.
10. The estimated amount of groundwater withdrawn each year 365,000 gallons a year.
11. The log of formations encountered in the drilling of each well if available
Not available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
None available.

Signature of Owner: Rudolph W. PetersonDate December 9, 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.

1235

97452

Filed this 9th day of
December A. D. 1962
at 4:45 o'clock P. M.
Marquette Manual
County Clerk and Recorder.
By Emma Bowers Deputy
Fees \$2.00

File No.

T 25 R 9E

DUPLICATE

County Park

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 Tan R. & Dolores Sharpe Address P.O. Box 736 Livingston, Mont.
Driller Donald C. Jones Address 2107 Bridger Dr. Bozeman, Mont.

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

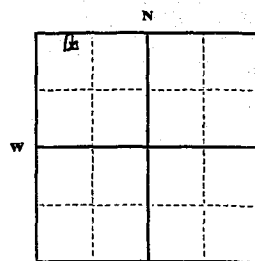
Date well started Dec. 11, 1967 Date completed Dec. 13, 1967

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 in.	6 5/8" 100	1' above Ground	41	—	—	—
	19#					



Static Water Level for non-flowing well 11 1/2 feet.

Shut-in Pressure for Flowing Well —

Pumping Water Level 41 feet

at 20 gal. per minute.

Discharge in gal. per min. of flowing well —

How Tested Pump

Length of Test 1 hr. 15 min.

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

NW 1/4 Sec 24 T 25 R 9E
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).

Driller's License Number 17
Plot 55A, (1/2 + A)

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: Donald C. Jones

45,013

114282

20th day of

February A.D. 1969

1:30 P.M.

Marquet Monreal

Company Clerk and Registrar

By Harry J. Lee Deputy

For \$2.00

Form No. 18
8-60

T. 2S R. 9E
County Park

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

Water Well Log

Sec 24

STATE ENGINEER

Owner E. Boyd. Address Livingston, Ont.
Box 483.
Driller Hobson Lenwood Address _____
Date Started 5-25-1939 Date Completed 6-2--59.
Location: Sec. _____ T. _____ R. _____ $\frac{1}{4}$ sec. _____

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

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

Casing: surface ft. to 53 ft. Type black steel Size 6" id 19%

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

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

Perforated or screened: Ft. _____ to ft. _____. Ft. _____ to ft. _____

Type of screen or perforations long

Static water level, for non-flowing well: 12 feet.

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

Pumping water level 55 feet at 20 gal. per min.

How tested: Driller

Length of test 1 hr.

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

(over)

Form No. 18
8-60

T. 2S R. 9E
County Park

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 19 1961

Water Well Log

3224

Owner E. E. Boyd. Address Livingston, Mont.
Box 883.
Driller Hobson Kenwood Address _____
Date Started 5-25--1959 Date Completed 6-2--59.
Location: Sec. _____ T. _____ R. _____ $\frac{1}{4}$ sec. _____

STATE ENGINEER

Type of well Drilled Equipment used Chain Drill
(Dug, driven, bored, or drilled) (Chain, drill, rotary, other)

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

Casing Surface ft. to 53 ft. Type Black steel Size 6" 14 19"

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

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

Perforated or screened: Ft. _____ to ft. _____. Ft. _____ to ft. _____

Type of screen or perforations None

Static water level, for non-flowing well: 12 feet.

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

Pumping water level 53 feet at 20 gal. per min. _____

How tested: Sailer

Length of test 1 hr.

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

(over)

Log of Well

[illegible]

Log of Well

[illegible]

T. @ 2S R. 9E

County PARK

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1948

WATER WELL LOG

STATE ENGINEER

	X	

Owner ALBERT L. & DORIS M. McCOMB Address P. O. Box 79
LIVINGSTON, MONT.

Driller GLENN OVERFELT Address

Date Started MARCH, 1948 Date Completed MARCH, 1948

Location: Sec 24 T. 2S R. 9E 1/4 sec SW 1/4

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

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

Casing: 2 ft. to 12 ft. Type REINFORCED CONCRETE Size 36"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations

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

Shut-in pressure, for flowing well: NONE lb./sq. in. on: (date)

Pumping water level feet at gal. per min.

How tested

Length of test

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

(over)

Doc # 90599

Since this 29th day of
December A. D. 1961
at 1.10 o'clock P.M.
Margaret Monice
County Clerk and Recorder.
By Deputy See Deputy.
See - 1.20 p.m.

T. 2 S R. 9 E

County PARK

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962

WATER WELL LOG

STATE ENGINEER

	X		

Owner ALBERT L. & DORIS M. McCOMB Address LIVINGSTON, MONT.

Driller GLENN OVERFELT Address

Date Started FEB. 1948 Date Completed FEB. 1948

Location: Sec. 24 T. 2S R. 9E 1/4 sec. SW 1/4

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

Water use: Domestic ☒ K Municipal ☐ Stock ☒ Irrigation ☒

Industrial ☐ Drainage ☐ Other:

Casing: 2 ft. to 8 ft. Type REINFORCED CONCRETE Size 24"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations

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

Shut-in pressure, for flowing well: NONE lb./sq. in. on: (date)

Pumping water level feet at gal. per min.

How tested:

Length of test

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

Doc #90598

Filed this 29 day of

December A.D. 1961

at 1:10 P.M.

Margaret Monice
County Clerk and Recorder.

by Deputy.

Fee - \$1.00 pd.

121034

dated this 21st day of

May A.D. 1971
2:42 P.M.
Margaret Monical

Quar. Clerk and Recorder.
at Lilly Jones Inc.
Chief Inspector

no fee

File No.

T. 2 S. R. 9 E

DUPLICATE

County Park

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 Thelma Dunn Address LivingstonDriller M E Jones Address BozemanDate of Notice of Appropriation of Groundwater March 1969Date well started Nov 13, 1968 Date Completed Nov 14, 1968Type of well Drilled Equipment Used Churn Drill
(dug, driven, bored or drilled) (Churn, drill, rotary or 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)

2 Top Soil & Sand
4
6
8
10
12 Gravel
14
16
18
20
22
24
26
28 Clay
30
32
34
36
38

Static Water Level for non-flowing Well 6 feet.

Shut-in Pressure for Flowing Well

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

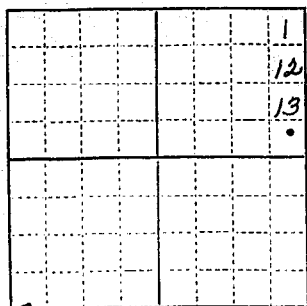
Discharge in gal. per min. of flowing well

How Tested Pump Length of Test 14.45

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)

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)
6"	6 1/2" OD. X 17'	1' Above Ground	19'	None		



1/4 Sec 24 T2S R. 9E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Driller's License Number

Driller's Signature Miller E. Jones

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.

45743

Re. # 116205

16th

October 11, 1969

11:50 a.m.

Margaret Monro

County Clerk and Recorder

by Stacy Ann Lee Deputy

Fee \$2.00

RECEIVED
COUNTY CLERK AND RECORDER
OCT 16 1969
MARGARET MONRO
COUNTY CLERK AND RECORDER
BY STACY ANN LEE
DEPUTY

File No. MONTANA WATER RESOURCES BOARD

RECEIVED

T. 2 S. R. 9 E

DUPLICATE

County PARV

LOG SEP 13 1967

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level) TOP SOIL & SAND

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

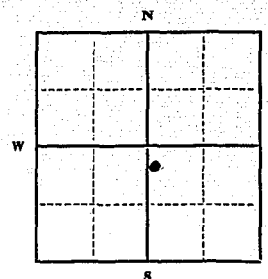
Owner Urana Clarke Address Livingston, MontanaDriller Milton E. Jones Address Bozeman, Montana

Date of Notice of appropriation of groundwater

Date well started August 4, 1967 Date completed August 7, 1967Type 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 5/8" O.D. X 19#	1 1/2' above ground	20'	NONE		

Static Water Level for non-flowing well
..... 4 feet.

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

Pumping Water Level..... 20 feet

at..... 30 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... EMERY BAILER

Length of Test..... 1 hour

Remarks: (Gravel packing, cementing, packers, type of shutoff) Black floorSE 1/4 Sec. 24 T. 2 S. R. 9 E
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).

D. W. Jones

Show exact depth of bottom.

22 feet

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.

Number 17

Driller's License Number

Milton E. Jones
Driller's Signature.

42,312

Doc. #110060

Filed the 12th day of

September A.D. 1967

at 10:10 o'clock A.M.

Margaret Munsal

County Clerk and Recorder,

by Emma Bowers

Fee \$ 2.00 Not Public

File No.

T. 2 S. R. 3 E

DUPLICATE

County Park

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1963)

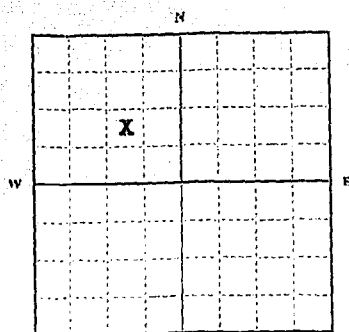
Layne Well No. 4

Owner Municipal Water Works Address Livingston, MontDriller Layne-Minn. Co. Address Minneapolis, Minn.Date of Notice of Appropriation of Groundwater June, 1965Date well started April 12, 1965 Date Completed June 6, 1965Type of well Drilled Equipment Used Caisson Rig
(dug, driven, bored or drilled) (Churn, drill, rotary or 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.

Rock & Sand

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
52" Min. Dis.	52" OD #7	0	20	(Cemented in 60" Hole)		
	24" 3/8 wall	0	42'8"			
	24" Stainless Steel			#3	42'8"	52'88"
	Layne Shutter Screen					

Static Water Level
11'2"

NE 1/4 Sec. 24 T. 23 R. 3E
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 11'2" feet.Shut-in Pressure for Flowing Well Not ApplicablePumping Water Level 38'8" feet at 1040 gal. per minute.Discharge in gal. per min. of flowing well Not applicableHow Tested Turbine Pump Length of Test 16 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) Double gravel wall well with outer casing shown cemented in place above.

Driller's License Number 176
Layne-Minn. Co.

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.

39212

108521

Filed (has) 20th day of

July A. D. 1965
at 9:25 o'clock a. m.

Margaret Monical
County Clerk and Recorder, 

By No fee Deputy.

24

File No.

T. 28 R. 9E

DUPLICATE

County Park

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

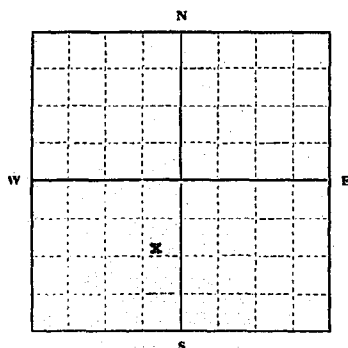
RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Jesse L. and Goldie M. Perry, of Box 256 Livingston
(Name of Appropriator) (Address) (Town)
County of Park State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based household and lawn use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1939
continuous use since 1939

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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
watering lawn

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
started and completed in 1939

8. The depth of water table 6 feet down

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
1 dug well, 12 feet deep

10. The estimated amount of groundwater withdrawn each year approximately 50,000 gallons

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

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

Goldie M. Perry
Signature of Owner Jesse L. Perry

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.

12393

Doc # 9778

Filed this 22nd day of
December A.D. 1963
at 11:45 o'clock A.M.
Margaret Monreal

County Clerk and Recorder.
By Emma Bowers
Deputy

Fees \$2.00

File No.

DUPLICATE

RECEIVED

T. 2S R. 9E

County Park

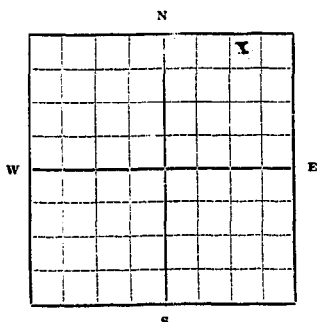
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 1 1962

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. City of Livingston of Livingston
(Name of Appropriator) (Address) (Town)
County of Park State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 - NE 1/4

NE 1/4 1/4 Sec. 24 T2S R. 9E

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
To be used for irrigation purposes

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
When irrigation season starts in June

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
6" Prime Steel Perforated Casing by pump Located in Miles Park

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Started on Dec. 8, 1961 and completed Dec. 14, 1961

8. The depth of water table
33'

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; 6 5/8" O.D.; Depth 33'

10. The estimated amount of groundwater withdrawn each year
1,920,000 gallons

11. The log of formations encountered in the drilling of each well if available
0' to 3' top soils; 3' to 10' gravels; 10' to 17' gravels; 17' to 30' sands, coarse & fine; 30' to 33' coarse assorted gravels

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

Signature of Owner [Signature]

Date Jan. 30, 1962
City Clerk

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.

Change in (x) made by City Clerk [Signature]

1320

Dec # 9/282

Arrested at 2nd day of

March A.D. 1962

at 4:20 P.M.

Margaret Monical

County Jail Recorder

by Betty Jane Doe

Deputy

Fee - no charge

File No.

DUPLICATE

RECEIVED

T. 2S R. 9E

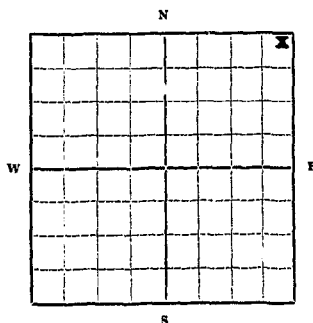
County. Park

STATE ENGINEER
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 1 1962

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

1. City of Livingston, of Livingston
(Name of Appropriator) (Address) (Town)
County of Park State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

NE 1/4
NW 1/4

Sec. 24 T. 2S R. 9E

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
To be used for Irrigation purposes
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
When weather conditions permit and have material
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gallons
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 10 acres
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
6" Prime Steel Perforated Casing by pump
Located in Miles Park
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Started on Dec. 4, 1961 and completed Dec. 7, 1961
8. The depth of water table 10' to 18'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Drilled Well; 6 5/8" O.D.; Depth 18'
10. The estimated amount of groundwater withdrawn each year 1,920,000 gallons
11. The log of formations encountered in the drilling of each well if available
0' to 3' soils; 3' to 18' gravels; 18' to 30' yellow gritty limestone;
30' to 37' Colorado blue 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

Signature of Owner [Signature]

City Clerk

Date Jan. 30, 1962

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

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

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

Rec # 91281

Filed this 2nd Day of
March A.D. 1961
at 4:15 o'clock P.M.
Margaret Monical
County Clerk of Records.
By Harry Jones Esq.
Deputy.
Fee - no charge

GW

File No.

DUPLICATE

T 2. S R 9. E

County

PARK

RECEIVED
OCT 10 1963STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

(Sagejawa Park)

1. City of Livingston

(Name of Appropriator)

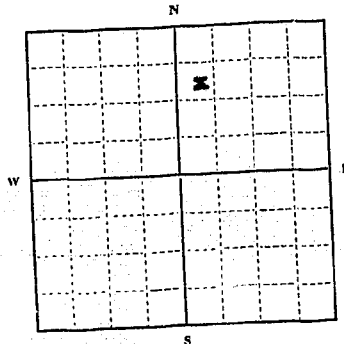
of

(Address)

(Town)

County of Park State of Montana

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

2. The beneficial use on which the claim is based
Park Irrigation3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since 1951.
Seasonal

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300 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
15 Acres. Lawns, Shrubby, Trees, etc.

SW NW NE Sec 24 T 23 R 9 E

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Started and Completed May 1951

8. The depth of water table. 4' to 7'

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. 25 Million Gallons

11. The log of formations encountered in the drilling of each well if available
12' Top Soil, 10' Sand and Gravel (up to 3' & 4')

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

City Clerk
Date October 4, 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.

6294

#96591

Filed this 9th day of

Oct A. D. 1963

at 8:00 o'clock a M.

Margaret Monical
County Clerk and Recorder.

By

Deputy

20 fee

STATE WATER CONSERVATION BOARD

GV

DEC 3 1965

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

File No. McGermott
 Butte McNulty
DUPLICATE Morton
 Carbon Sullivan
 Dicker

T. 2 S. 9 E.
 County Park

STATE OF MONTANA

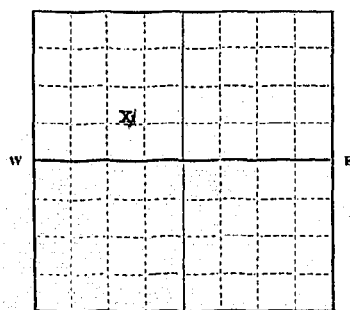
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. City of Livingston, of Livingston Montana
 County of Park State of Montana
 have appropriated groundwater according to the Montana law Montana prior to January 1, 1962, as follows:



X NW 1/4: SE 1/4 NW 1/4
 NW 1/4 SE 1/4 NW 1/4 of
 Indicate Point of Appropriation E.
 and place of use, if possible.
 Each small square represents 10
 acres.

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

Municipal water supply

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

June, 1965

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

1100 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.....

Not applicable

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

Vertical turbine pump

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

May, 1965 - June 1965

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

9 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.....

24" stainless steel screen set at soft.

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

580 Million gallons

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

See reverse.

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.....

City of Livingston by
James B. Bess, Sup't.
 Date 12/8/65

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 Quadruplicate for the Appropriator.

39944

Log of Well

<u>Depth, feet</u>		<u>DESCRIPTION OF MATERIAL DRILLED</u>
<u>From</u>	<u>to</u>	
0	3	Fill, Clay, rock
3	6	Gravel and rock
6	10	Sandy clay and rock
10	12	Sand, rock, boulders and water
12	14	Boulders
14	18	Clay and hard rock
18	21	Boulders and sand
21	30	Rock and fine sand, tight
30	33	Rock
33	50'4"	Rock and sand
50'4"	52'8"	Silt, rock, fine sand

Static water level 9 ft.

104705
 filed this 2nd day of
 December A. D. 1965
 at 10:05 o'clock a. m.
 Margaret Monical
 County Clerk and Recorder.
 By  Deputy.

File No. STATE WATER CONSERVATION BOARD

T. 2 S. R. 9 E

DUPLICATE

OCT 17 1966

County PARK

LOG

 By McDermott
 By McNulty
 By Morton
 By Sullivan

 STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 5485 ±)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0' - 1' Top soils and clays.

1' - 4' Sands. dry.

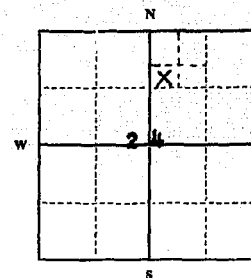
4' - 30'6" All sands and
gravels, with some
boulders, lots of
water.

T.D. 30'6"

Owner City of Livingston Address LIVINGSTON, MONTANADriller VAN DYKEN DRILLING CO. Address BOZEMAN, MONTANADate of Notice of appropriation of groundwater NONEDate well started July 12/66 Date completed July 20/66Type of well Drilled Equipment used Cable tools
(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)
12"	12 3/4" O.D. 34# per Ft. P.E.	0'	30'6"	5/16" x 3" long 16 slots per ft.	5'	29'

Static Water Level for non-flowing well 6'6" feet.Shut-in Pressure for Flowing Well nonePumping Water Level 11'6" feet at 300 gal. per minute.Discharge in gal. per min. of flowing well noneHow Tested Centrifical pumpLength of Test 4 Hrs.

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

none

SW 1/4 NW 1/4 NE 1/4 Sec. 24 T. 2 S. R. 9 E

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).

City Park lawn sprinkling.Sacajawea Park

Show exact depth of bottom.

LICENSE NO. 1

Driller's License Number

Driller's Signature

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

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

41, 523

Doc # 101272

Filed this 4th day of

October A. D. 1966

at 8:00 o'clock A. M.

Margaret Monicall
County Clerk and Recorder.

by George J. Lee
Deputy.

no fee

24

File No.

T. 2S R. 9E

DUPLICATE

County Park

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

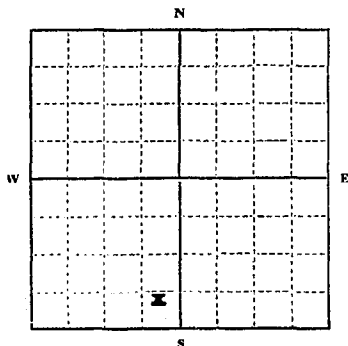
Declaration of Vested Groundwater Rights 1963

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
STATE ENGINEER

1. Channell T. Libbey, of 222 South Fifth St. Livingston
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 24 T. 2S R. 9E

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, livestock and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been early nineteen hundreds
continuous since 1930

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gallons a minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
SW 1/4 of SE 1/4 of SW 1/4 of Sec 24, T2S, R9E
approximately one acre more or less

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
electric pump
SW 1/4 of SE 1/4 of SW 1/4 of Sec 24, T2S, R9E

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

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 Not available, located under house, no crawl space, no records

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

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record p. 1st on this property is on record at court house

Signature of Owner Channell T. Libbey

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.

20727

98156

Filed this 31st day of
December A. D. 1963
at 1.05 o'clock P. M.
Margaret Monreal
County Clerk and Recorder.
By Lamma Bowers
Deputy
Fee \$2.00

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 Eggar & Elane Eggar*
W. BILL EGGAR

Address *LIVINGSTON, MONT.*

Date well started *11/23/70*

completed *11/25/70*

Type of well *Drilled*

Equipment used *Cable tools.*

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

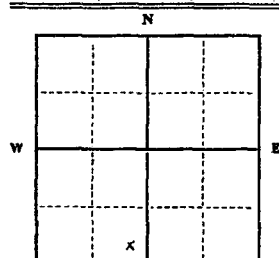
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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 *Home use & lawn sprinkling*

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kid Size	From (Feet)	To (Feet)
6"	6 5/8" O.D. 17# per ft. Tested	0	23		none	



BL 714
T. *2* N. R. *9* E. S. *24*

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

Driller's Signature *Robert Van Dyke*

Driller's Address *Bozeman, Mont.*

LICENSE NO. *1*

County *PARK*

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	2	Spills.
2	7	Sand and gravels. Water @ 6'
7	9	Fine sands.
9	20	Sands and gravels.
20	23	Claybound gravels.
23	36	Shales. Some water @ 35'

T.D. *36'* Show exact depth of bottom

417984

119432

Filed Jan 8th day of

January A. D. 1921

at 2:00 o'clock P. M.

Margaret Moniel
County Clerk and Recorder.

By

See 2nd

Deputy

NOTED
JAN 11 1921

File No.

DUPLICATE

T. 25 R. 9 E
County ParkSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

SEP 11 1964

Notice of Completion of Groundwater
Appropriation by Means of Well ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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

0' --- 15' Sand, gravels and large boulders.

15' --- 25' Hard rock, (dry)

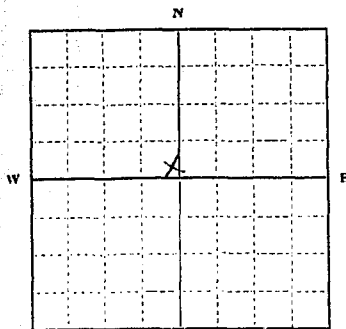
25' --- 91' Hard blue shale. Water @ 26' and 54'

T.D. 91'

Owner Miss Urana Clark Address Livingston, Mont.Driller Van Dyken Drilling Co. Address Bosman, Mont.Date of Notice of Appropriation of Groundwater noneDate well started June 25/64 Date Completed June 30/64Type of well Drilled Equipment Used Cable tools
(dug, driven, bored or drilled) (Churn, drill, rotary or 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"	6 5/8" O.D. 19# Prime steel	0'	91'	none		



SE 1/4 NW 1/4 Sec. 24 T25 R9E
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 4' feet.Shut-in Pressure for Flowing Well nonePumping Water Level 81' feet at 5 gal. per minute.Discharge in gal. per min. of flowing well noneHow Tested Bailer Length of Test 1HR.

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).

License No. I
Driller's License Number

Best Van Dyken
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.

Doc # 100631

Filed this 10th day of

September A. D. 1964

at 9:05 o'clock A. M.

Marquet Monical

County Clerk and Recorder

By Scott James Shaw

Fee \$2.00

STATE WATER CONSERVATION BOARD

File No.

T. 25 R. 9E

MAY 24 1967

County Fair

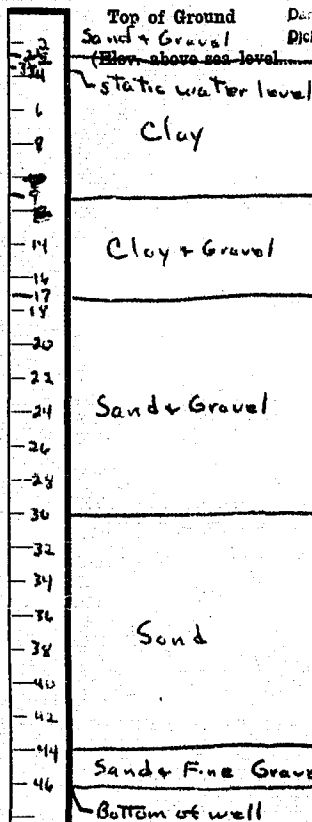
DUPLICATE

By Daniel Bailey
 State Engineer
 Clerk Donald C. Jones
 State Engineer
 Assistant Donald C. Jones
 State Engineer
 Secretary Donald C. Jones
 State Engineer

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 Daniel Bailey Address Box 907 LivingstonDriller Donald C. Jones Address Beckman, Mont.

Date of Notice of Appropriation of Groundwater

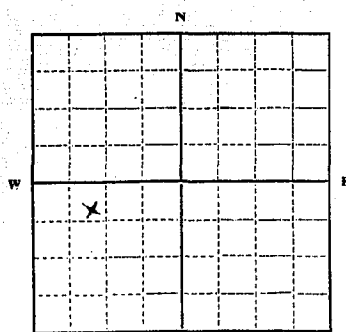
Date well started April 13, 1967 Date Completed April 17, 1967

Type of well Drilled Equipment Used Churn Drill
 (dug, driven, bored or drilled) (Churn, drill, rotary or 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 in.	6 5/8" 40 lb	2' above Ground	46'	—	—	—



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 31 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 46 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Pump Length of Test 1 1/2 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)

Driller's License Number 17Driller's Signature Donald C. Jones

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 Quaduplicate for the Appropriator.

42,017

Rev. # 109221

Filed in 29th May

May A. D. 1967

11:05 o'clock A. M.

Margaret Monrad

Clerk and Recorder.

Deputy
Deputy

Fee \$2.00

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.

CITY OF LIVINGSTON, MONT.

Owner TEST WELL NO. 1

Address City of Livingston, File 121031
Livingston Mont. May 21, 1971
2:39 PM

Date well started 2/17/71

completed 2/17/71

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Rotary

(Crown drill, rotary, or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

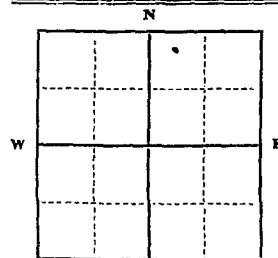
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe Test well no. 1 located in Sacajawea Park in Livingston, Mont.

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
6"	6 5/8" O.D. 17#	0	50	None



NW 1/4 NE 1/4 Sec 24
T. 28 N. R. 9E E
S W

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

VAN DYKEN DRILLING CO.

Driller's Signature [Signature]

Driller's Address BOZEMAN, MONTANA

LICENSE NO. 1

County PARK

DRILLER'S LOG

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

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
0	5	Top soils.
5	22	Coarse and fine sand and gravels. Boulders at 15' total.
22	28	Fine to coarse sands. Standing water level.
28	30	Fine sands. Little water.
30	31	Fine sands to coarse sands. Little water.
31	32	Sand and gravels up to 2" gravels. Little water.
32	33	Heavy fine sands. Little water.
33	35	Claybound sands. Fine to coarse. Heavy.
35	51	Yellow hard clay. Dry.
51	53	Hard sandstone. 40 GPM. total.
53	57	Gray claybound sand. Wet.
57	58	Black tight fine sand. Wet.
58	130	Gray and buff shales with some hard small lenses. Dry.
130	133	Blue shales. Water. Water smells like sulphur. 100 GPM. total.
Well was drilled with rotary with air and made 140 GPM. of water while drilling from 51' to 53' and from 130' to 133'.		
Well was plugged after test from 133' back up to 54'.		
Well to be used for irrigation in the park.		

Was 133' Show exact depth of bottom

48514

121031

Reference 21st day of

May A.D. 1971

2:39 clock P.M.

Margaret Monahan

Clerk and Recorder

Betty Jane Rose
Chief Deputy

no fee

County Park

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.

CITY OF LIVINGSTON.

Owner TEST WELL NO. 2

Address CITY OF LIVINGSTON

LIVINGSTON, MONTANA

Date well started 2/26/71

completed 2/15/71

Type of well Drilled

Equipment used Rotary and Cable tools.

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

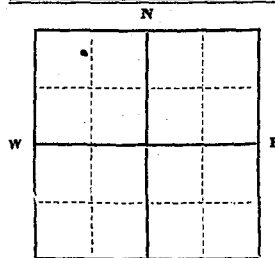
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe Test well No. 2 located on Geyser and 9th streets.

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" O.S. 17# per Ft.	0	50	1 1/2" X 3" Slots.	32'	39'



NW 1/4 NW 1/4 Sec. 24
T. 28 N. R. 9E E
S W

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

Driller's Signature Bozeman, Montana

Driller's Address BOZEMAN, MONTANA

LICENSE NO. 1

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	10	Clays.
10	37	Fine to coarse sand and pea size gravels. Slightly claybound. Some water.
37	39	Cleaner fine sand and pea size gravels. Standing water level 20'. Hailed @ 30' GPM. with 9' Drawdown.
39	44	Hard shale. Dry.
44	45	Fine sand and gravels. Water.
45	75	Blue shales. Dry.
75	110	Sandstone. Water. @ 100' 15" 25' " @ 110' 60' " 60' "
110	115	Buff color shales. Dry.
Test pump from 30' to 115' open hole 110' GPM. 20' drawdown. 115' " 25' "		
Pacific yield 25 GPM. per ft. of drawdown.		
Plugged hole from 30' to 115', then perforated casing from 32' to 39' then test pumped well at 100 GPM. with 6' of drawdown. Pacific yield at 17 GPM. per ft. of drawdown.		

Was 115' Show exact depth of bottom

48515