

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DEC 3 1971

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.

STATE OF MONTANA

Owner FISH AND GAME DEPT.

Address HELENA,

MONTANA

Date well started 6/3/71

completed 6/5/71

Type of well Drilled

Equipment used Rotary

Water Use: Domestic Municipal Stock Irrigation

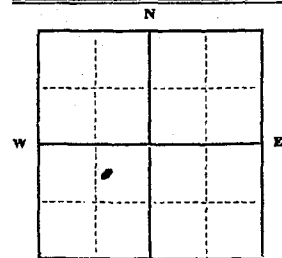
Industrial Drainage Other * Garden/Lawn

*Describe Fishing access site.

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		
				Kid Size	From (Feet)	To (Feet)
7 7/8"	65/8" O.D. 19#	0	38	1/8" I 5"	33	38



Static water level 8' ft.*
Pumping water level 33' ft.*
at 120 gallons per minute,
measured 2 minutes after pumping began.

*Measured from ground level.
Well developed by Air
for 4 hours.

Power..... Pump..... HP

Remarks: (Gravel packing, cementing, packers, type of shutoff) TOP 10' of casing is grouted in.

NE 1/4 SW 1/4 Sec. 28
T. 4 R. 9 S. 5

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

Driller's Signature VAN DYKEN DRILLING CO.
Best Van Dyken
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)	
		WELL NO. 1. at LOCK LEVEN FISHING ACCESS SITE.
0	3	Soils.
3	33	Light claybound sand and gravels, with small lenses of fine silty sand @ 22' - 27' and 31'. Water.
33	36	Very silty fine sands. Heaves.
36	38'	Clean gravels with silty sands.
		Bottom 6' of well is gravel packed with 1" gravels for sand control.

36' Show exact depth of bottom

49524

122865

Filed this 2nd day of

December A. D. 1921

at 1:05 o'clock P M

Margaret Menical
County Clerk and Recorder.

Deputy

fee 2⁴⁰

GV

28

File No.

T 4-S R 9-E

DUPLICATE

County Park

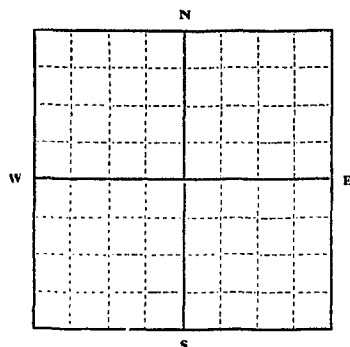
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alfred & Beth Haug, 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:



S. 1/4 S. E. 1/4 Sec. 28 T. 4-S 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...
House, Barn, and Stock watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...
in constant use since 1930

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
not applicable, except for garden

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...
1930

8. The depth of water table...
75 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...
Type - drilled
Size - 6 inch
Depth - 85 feet

10. The estimated amount of groundwater withdrawn each year...
1,051,200

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...
Volume 49 of Deeds, page 481 Also: Volume 97 of Deeds, pages 252-3

Signature of Owner Beth Haug

Date Dec 27, 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.

15414

Doc # 97874

Filed this 27th day of
December A. D. 1963
at P. M.

Margaret Monical
County Clerk and Recorder.

By Thomas Bowers
Deputy
Fees \$2.00

File No.

T. 4N., R. 9E.

DUPLICATE

County Park

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

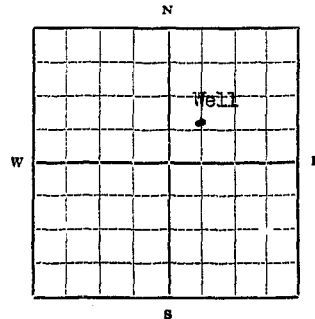
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Josephine Walton, of R. R. #3, Walsall
(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:



NR. 1/4 Sec. 26, T. 4N., 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 and Stock use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1906 - Periodacally to 1940 - none since then

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

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 dug well in 1906

8. The depth of water table 18 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater dug well - 18 feet deep

10. The estimated amount of groundwater withdrawn each year None right now

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

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

Signature of Owner Josephine Walton

Date December 12, 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.

Doc. # 97819

Filed this 27th day of

December A.D. 1963

at 11:45 o'clock A.M.

Marquet Missouri

County Clerk and Recorder

By Jerry Gene Lee

per \$ 2.00

GW 4
File No. _____

duplicate

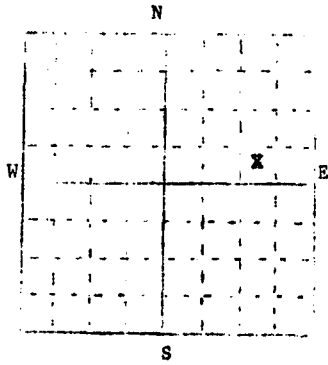
T 48 R 9E
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963

DECLARATION OF VESTED GROUNDWATER RIGHTS STATE ENGINEER
(Under Chapter 237, Montana Session Laws, 1961)

1. Mrs. O. Omsundsen, 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:



- 2. The beneficial use on which the claim is based Water well, household, livestock, garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Approx 1926, Continuous use
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 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 SW 1/4 NW 1/4 Section 26, T 48, R 9E
Mrs. O. Omsundsen

SW 1/4 NW 1/4 Sec. 26 T. 48 R. 9E

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 Electric Pump and piped into house
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater January 1928 - May 1934
- 8. The depth of water table 25 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 Hand dug well, 3 feet by 4 feet, concrete cased, 14 feet deep, Electric pump

10. The estimated amount of groundwater withdrawn each year 1,500,000 gallons per year

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

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 [Signature]
Date 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.

Rec # 98211

Filed this 31st day of

Rec. A. D. 1963

at 2:55 P. M.

Margaret Monaldi
County Clerk and Recorder.

by Tully Gene

for \$ 2.00

T. 18 R. 9E
County Park

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 17 1960

WATER WELL LOG

X			

STATE ENGINEER

Owner Mr & Mrs Otto Melin Address Box 483, Livingston
Driller Land Systems Drilling Co Address Bozeman
Date Started October 13, 1960 Date Completed Oct 20, 1960
Location: Sec. 18 T. 4 R. 9E 1/4 sec. SW 1/4 of SW 1/4

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

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

Casing: 0 ft. to 136' 8" ft. Type Prime steel Size 6" O.D. 19# P.E.

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: 10.0 feet.

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

Pumping water level: 10.5 feet at 3.0 gal. per min.

How tested: Bailer

Length of test: 1 hr

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

(over)

File No. _____
QUADRUPLICATE

RECEIVED

FEB 1 1972

T. 45 R. 9E
County Park 48

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

SAND &
GRAVEL

50 FT

Water @ 32 FT.

Doc. No. 123436
Filed for record
this 31 day of January
A. D. 19 72, at 4:05
o'clock P. M.

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner F. M. Hoefer Address Hoffma Route Livingston, Mont
490 Sioux Lane Billings, Mont.
Driller Rigger Dalg. Address 59100

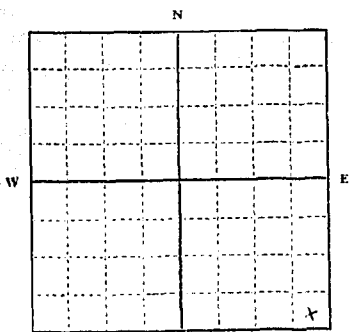
Date of Notice of Appropriation of Groundwater.....
Date well started 7-12-71 Date Completed 7-26-71

Type of well Drilled Equipment Used Rotary
(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)
7 7/8"	6 5/8" 19#	1-	50	OPEN	BOTTOM	



SE 1/4 E Sec 28 T. 45 R. 9E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well..... 14 feet.
Shut-in Pressure for Flowing Well..... N.A.
Pumping Water Level..... 20 feet at 30 gal. per minute.
Discharge in gal. per min. of flowing well..... N.A.
How Tested..... BAIL Length of Test..... 2 HRS

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) Well Packed WITH SAND & Bent To 12 ft. Cement to Top

Show exact depth of bottom.

Driller's License Number 197
Driller's Signature J. J. Beves

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. # 123436

Filed this 31st day of

January A. D. 1972

at 4:05 P.M.

Margaret Monahan
County Clerk and Recorder.

Deputy
Deputy.

Fee \$ 2.00

File No.

T. R.

DUPLICATE

County Butte

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)

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

6 6 FT- Sarge Boulders
contaminated with dirt

Owner A.O. Ashum Address Box 901 Serrangette

Driller Potts Drilling Address Route #1 Bozeman

Doc. No. 126908 Date of Notice of appropriation of groundwater.....

Filed for record this 23rd day of Jan Date well started 4-24-65 Date completed 5-3-65

A. D. 1973, at 8:00 o'clock A.M. Type of well Drilled Equipment used Call Tool
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

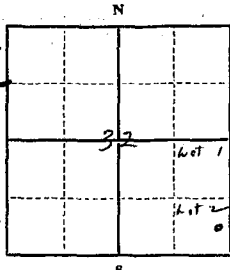
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

31 1/2' 25' 6" - Sarge Boulders
intermixed with large

33' 1' 6" Sarge Boulders
clean or mixed
materials

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6"</u>	<u>6" ID</u> <u>19.9 LB</u> <u>BLACK</u>	<u>0</u>	<u>68</u>			

48' 15 FT- Dry Course
clay found gravel



56' 8 FT- Dry Buff
Colored sand

Static Water Level for non-flowing well 47 feet.

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

Pumping Water Level 53 feet
at 15 gal. per minute.

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

How Tested Ball

Length of Test 2 hrs

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

65' 9 FT- FINE SILTY
SAND

Lot 2 Sec. 32 T. 45 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).

70' Course sand
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.

150
Driller's License Number

Hubert A. Potts
Driller's Signature

52,281

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*126908

filed this 23rd
January 23 1923
8:00 a.m.
 Margaret Bromel
 County Clerk and Recorder

for \$2.00 Deputy

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RECEIVED

County PARK

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MAR 13 1972

DRILLER'S LOG

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 HARRY DAUM
Address LIVINGSTON, MONTANA
Date well started 11/4/71
completed 12/14/71

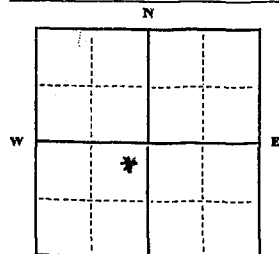
For Administrator's Use
File <u>123820</u>
<u>March 15, 1972 1:25 p.m.</u>
GW 1

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

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# per ft.	0	60	No.40 slot.	60	72
				Johnson screen		S.S.



Static water level 34 ft.*
Pumping water level 38 ft.*
at 60 gallons per minute,
measured 60 minutes after pumping began.

*Measured from ground level.
Well developed by surgin
for 6 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Drill cuttings shutoff outside of casing from 0' to 60'

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

Driller's Signature Bert Van Dyken
Driller's Address VAN DYKEN DRILLING CO.
BOZEMAN, MONTANA LICENSE NO. 1

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	6	Soils and clays.
6	58	Fine claybnd sand and gravels.
58	72	Coarse heavy sand and gravels. Water.
72	75	Claybnd sand and gravels. Water.
		T.D. 75'

75 Show exact depth of bottom

50.050

Acc # 123820

Printed this 15th day of

March 2nd 1972

at 1:25 P.M.

Margaret Monical

Clerk and Recorder

By Betty Ann Lee
Deputy

Em 2.00

File No.

T 4S R 9 E

DUPLICATE

County Park

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

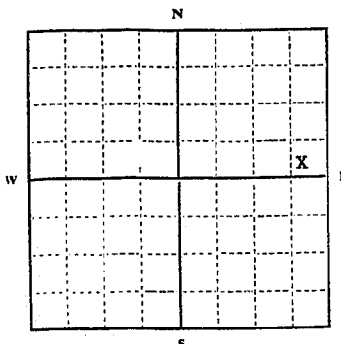
RECEIVED
 JAN 3 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Bernard N. Allen, of Livingston, Mont.
 (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 NE 1/4 Sec. 33 T. 4S 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 and Stock Water and Yard and Garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been January 1, 1912
Continuous use
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 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
Yard and Garden Irrigation
SE 1/4 NE 1/4 Sec. 33
- 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 December 3, 1911, started and finished January 1, 1912
- 8. The depth of water table 20 feet
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well is 60 ft. deep, pumped from well into 1 3/4" pipe to 300 gallon pressure tank
- 10. The estimated amount of groundwater withdrawn each year 800,000 gallons
- 11. The log of formations encountered in the drilling of each well if available Gravel and Rock
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Bernard N. Allen
 Date 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.

207-4

#98173

Filed this 31 day of

Dec. A. D. 1963

at 2:16 o'clock P. M.

Margaret Monreal

County Clerk and Recorder.

By Emma Powers
Deputy.

fee \$2.00

File No.

T. 45 R. 9E

DUPLICATE

County Park

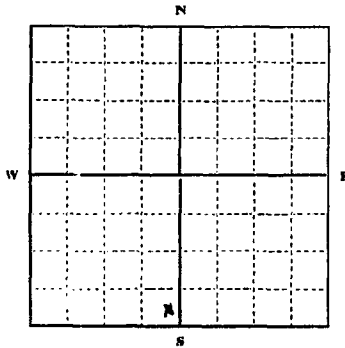
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Sony Frelch (Name of Appropriator), of Hoffman Route Livingston (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 10 T 45 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 drinking, irrigating garden lawn, watering cattle
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1918. Has been used continuously for drinking, garden lawn, watering cattle
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2.5 gal per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof about one acre owned by myself
- 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 about 1918, drilled to 40 feet with six in casing in 1955
- 8. The depth of water table Twenty feet to top 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 drilled well with six in casing
- 10. The estimated amount of groundwater withdrawn each year 1,476,000 gal
- 11. The log of formations encountered in the drilling of each well if available none available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Sony Frelch

Date 12/30/1963

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

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

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

Doc. # 98028

Filed this 30th day of

Dec. A. D. 1963

at 153 Margaret St. Louis

County Clerk and Recorder.

By Dee Jean Dee
Deputy.

fee - 2.00

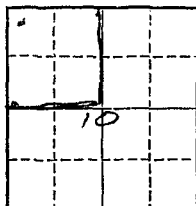
T. 450. R. 9E
County Park

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
1961

WATER WELL LOG

STATE ENGINEER



Owner: Paul Shields Address: Livingston Mont.
Driller: Van Dyke Drilling Co. Address: Bozeman Mont.
Date Started: Date Completed:
Location: Sec. 10 T. 450. R. 9E 1/4 sec. NE

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

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

Casing: 0 ft. to 6.8 ft. Type: Plain Steel Size: 1 1/2" OD 17# PE

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: 47 feet.

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

Pumping water level: 5.3 feet at 20 gal. per min.

How tested: Bailor

Length of test: 1 hr.

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

(over)

T. 4S R. 9E

County Park

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
OCT 20 1960

WATER WELL LOG

STATE ENGINEER

N

Owner Melvin Mitchell Address Livingston

Driller Van Dyken Drilling Co. Address Bozeman

Date Started November 13, 1960 Date Completed November 15, '60

Location: Sec 10 T. 4S R. 9E 1/4 sec. NE

Type of well Drilled Equipment used Cable tools
(Dug, driven, bored, or drill-d) (Churn drill, rotary, other)

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

Casing: 0 ft. to 55 ft. Type Prime Steel Size 6 5/8" O.D. 1 7/8" P.E.

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: 30 feet.

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

Pumping water level 34 feet at 40 gal. per min.

How tested: Bailer

Length of test: 1 hour

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

(over)

T. _____ R. _____

County Park

MONTANA BUREAU OF MINES AND GEOLOGICAL SURVEY
Butte, Montana

RECEIVED
MAR 9 1962

WATER WELL LOG

STATE ENGINEER Livingston

		2 Acres
		1 Well

Owner Andrew M. & Aacle C. Halvers ~~son~~ Hoffman Rtc.

Driller Van Dyke Address Manhattan, Mont.

Date Started About 1944 Date Completed About 17 yrs ago

Location: Sec. Pine T. 4 S R. 9 E 1/4 sec. 11 SE 1/4 NE 1/4
Creek

Type of well Drilled 166' Deep Equipment used Don't know
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

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

Casing: _____ ft. to _____ ft. Type _____ Size 4"

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: Don't know _____ feet.

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

Pumping water level _____ feet at _____ 5 gal. per min.

How tested: _____

Length of test _____

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

1/2 H. P. Electric Motor - Pump Jack - Success Pumps

(over)

105677

Filed (Date) 25 Day (s)

September 25, 1970

at 9:00 o'clock A. M.

Margaret Ormrod
County Clerk and Recorder.

By _____ Deputy

See 2/10

File No.

DUPLICATE

T. 45 R. 9E S. 11
County Park

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

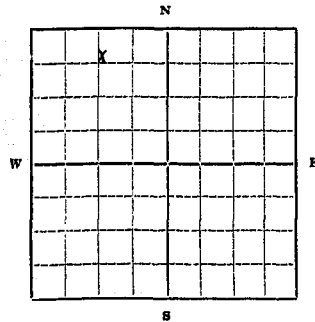
RECEIVED
JAN 22 1962

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

STATE ENGINEER

1. Lester Mitchell of Hoffman Rt. 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:



M.M. 4/11/62 Sec. 11 T. 45 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, stock water & irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been very continuous since 1947

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 gal per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof garden & yard 1 acre

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 1947

8. The depth of water table 27'

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" casing, 43' deep

10. The estimated amount of groundwater withdrawn each year 5 million

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

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

Signature of Owner.....

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.

94377

Filed this 21st day of
January A. D. 1963
at 10:55 o'clock A. M.
Margaret Monreal
County Clerk and Recorder.
By Walter J. Lee Deputy.

Fee - \$ 2.00

File No.

FEB 7 1966

T. R.

DUPLICATE

Billie _____ McDermott _____ County Park
 Butzerin _____ McNulty _____
 Coyle _____ Morton _____
 Darlington _____ Sullivan _____
 Dickert _____

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

(Under Chapter 237, Montana Session Laws, 1961)

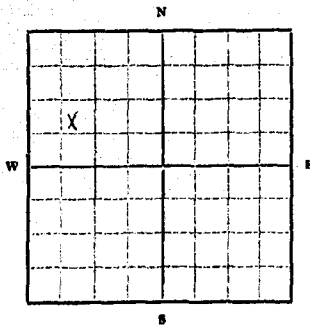
Owner M. S. Ricci *Livingston, Mont.* Address Pinecreek Rd
 Driller J. L. McGehee Address Big Timber, Mont
 Date of Notice of Appropriation of Groundwater Jan. 9, 1966
 Date well started Jan 11, 1966 Date Completed Jan. 26, 1966
 Type of well Drilled Equipment Used Rotary
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other

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

100' Sand, Sandy Clay, Gravel, Boulders
 100' Static Level
 128'

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 1/4"	4" I. D. 4 1/2" O. D.	1 FT. Above	128' Below	4" x 4/8"	108'	128'
	11# per FT. Surf. Pipe		Surf. Face	SLOTS		



S.W. 1/4, Sec. 12, T. 4 S., R. 9 E.
 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.....feet.

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

Pumping Water Level..... 105' feet at 12 gal. per minute.

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

How Tested Air Comp. Length of Test 4 hours

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)

32
 Driller's License Number

James L. McGehee
 Driller's Signature

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

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

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

40810

Doc. # 105388

Filed this 4th day of

February A. D. 1966.

at 4:15 o'clock P. M.
Marquet Manual

County Clerk and Recorder.

By Betty Ann Lee Deputy.

Fee \$ 2.00

File No.

T. 42 R. 9 E. 12

DUPLICATE

County Park County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JUL 7 1964

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

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0-2 Soil Rock
2-22 Rock
22-39 Sand Claye Rock
39-40 clay & rock
40-42 gravel & water
Bottom of well

Owner M. S. Ricci Address 507 N. D St Livingston, Mont.
Driller Harold Hulbert Address P. I. Bismarck, Mont.

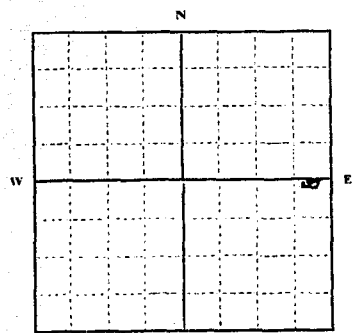
Date of Notice of Appropriation of Groundwater.....
Date well started July 1, 1964 Date Completed July 4, 1964

Type of well Drilled Equipment Used Churn
(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)
8	6" 50 lb 19 lb	0	41			None



SE 1/4 Sec. 2 T. 5 R. 9 E
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 8 ft feet.
Shut-in Pressure for Flowing Well.....
Pumping Water Level 20 feet at 14 gal. per minute.
Discharge in gal. per min. of flowing well.....
How Tested pressure Length of Test 3 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).....
None

47
Driller's License Number
Harold B. Hulbert
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 # 100101

Filed this 6th Day of

July A. D. 1 964

at 11:10 o'clock A. M.

Margaret Monahan
County Clerk and Recorder.

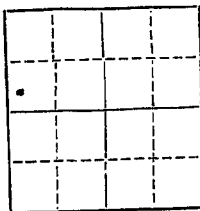
By [Signature] Deputy.

Fee \$ 2.00

T. R.
County Park

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner John M. + Mary C. Shorttill Address Hoffman Pte Lusk, Montana
Driller M. E. Jones Address Payson, Mont
Date Started Jan 11-41 Date Completed Dec 2, 41
Location: Sec 12 T. 4S R. 9E 1/4 sec. S1/4 N1/4

Type of well Hand-dug 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 101 ft. Type Black Size 6 5/8 OD

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. None to ft. Ft. to ft.

Type of screen or perforations:

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

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

Pumping water level 101 feet at gal. per min.

How tested: Pump

Length of test: 2 hours

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

16ft Gravel + Boulders
40ft Fine Gravel + Sand
60ft Gravel + Boulders
80ft Fine Gravel + Sand
101ft Sand

(over)

Rec # 90285

Filed this 4th day of

December A. D. 1961

at 455 and A. M.

Margaret Monical

County Clerk and Recorder.

By Letty Jones Deputy.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

County DEWEE

08710 1070

DRILLER'S LOG

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

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Heritage Rembrandt Corporation
Address 4001 Stinson Blvd. N.E. Suite 224 Minneapolis, Minn. 55421
Date well started 10/16/70 completed 10/70

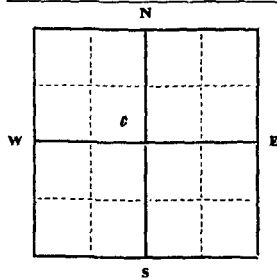
For Administrator's Use
File <u>119.125</u>
<u>October 16, 1970</u>
<u>1-15-2-10</u>

Type of well fill
Equipment used Cable Tool
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Garden/Lawn

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
7"	3 1/2"	10	above			



Static water level 27 ft.*
Pumping water level 35 ft.*
at 1 minutes after pumping began.
*Measured from ground level.
Well developed by PERF
for 1 hours.
Power Electric 3/4 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

N 1/4 14 Sec. 14
T. 4 S N. R. 9 E E
S W

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

Driller's Signature Harold B. Hulbert
Driller's Address 1100 1st St. N. Helena, Montana

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
0-2	2-4
2-4	4-6
4-6	6-8
6-8	8-10
8-10	10-12
10-12	12-14
12-14	14-16
14-16	16-18
16-18	18-20
18-20	20-22
20-22	22-24
22-24	24-26
24-26	26-28
26-28	28-30
28-30	30-32
30-32	32-34
32-34	34-36
34-36	36-38
36-38	38-40
38-40	40-42
40-42	42-44
42-44	44-46
44-46	46-48
46-48	48-50
48-50	50-52
50-52	52-54
52-54	54-56
54-56	56-58
56-58	58-60
58-60	60-62
60-62	62-64
62-64	64-66
64-66	66-68
66-68	68-70
68-70	70-72
70-72	72-74
72-74	74-76
74-76	76-78
76-78	78-80
78-80	80-82
80-82	82-84
82-84	84-86
84-86	86-88
86-88	88-90
88-90	90-92
90-92	92-94
92-94	94-96
94-96	96-98
96-98	98-100

LICENSE NO. _____ Show exact depth of bottom

08710

RECEIVED

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

OCT 19 1970

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

(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.

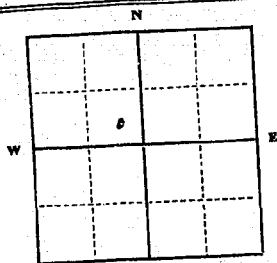
Owner Heritage Rembrandt Corporation For Administrator's Use
 Address 4001 Stinson Blvd. N.E. File 119.125
Suite 224 October 16, 1970
Minneapolis, Minn. 55421 1.15 P.M.
 Date well started Oct 2, 1970 GW
 completed 1970

Type of well Drilled (Dug, driven, bored or drilled)
 Equipment used Cable Tool (Churn drill, rotary or other)
 Water Use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other * Garden/Lawn

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6.5"/8 070.	19.	2 above			
		1b	70			



N 1/4 Sec. 14
 T. 4 S. N. R. 2 E
 S W

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

Driller's Signature Donald R. Hulbut
 Driller's Address 10200 N. Montana

From (Feet)	To (Feet)	Top of Ground (Elev. above sea level)
0-2		soil rock
2-24		rock & gravel
24-30		sand
30-34		silt & clay
34-40		gravel & sand & very little water
40-48		gravel sand little water
48-54		water
54-60		clay & gravel
60-62		gravel & sand water
62-65		silt & sand
65-68		sand & sandy water
68-70		very little water
70-72		sand gravel & water

Static water level 27 ft.*
 Pumping water level 35 ft.*
 at 10 gallons per minute,
 measured 1 hr minutes after pumping
 began.
 *Measured from ground level.
 Well developed by 2 hrs
 for 5 hours.
 Power electric pump 3/4 HP
 Remarks: (Gravel packing, cementing,
 packers, type of shutoff)

70' Show exact depth of bottom

LICENSE NO.

47649

County Herk

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

RECEIVED
OCT 19 1970

DRILLER'S LOG

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

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962

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

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Heritage Rembrandt Corporation
Address 4001 Stinson Blvd. N.E. Suite 224 Minneapolis, Minn. 55421
Date well started Oct 2, 1970
completed 1970

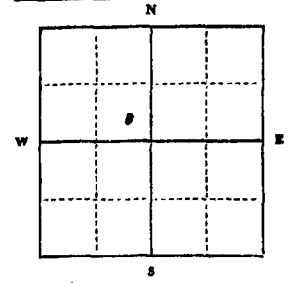
For Administrator's Use
File 119.125
October 16, 1970
L. L. R. D.

Type of well drilled
Equipment used Cable Tool
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 44,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
<u>7 7/8"</u>	<u>5 1/2" 10 lb</u>	<u>2 above</u>	<u>70</u>	<u>none</u>		



N 1/4 Sec. 14
T. 4 S N. R. 9 E

Static water level 27 ft.*
Pumping water level 35 ft.*
at 10 gallons per minute,
measured 2 minutes after pumping
began.
*Measured from ground level.
Well developed by PAWD
for 5 hours.
Power electric pump. 3/4 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

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

Driller's Signature Harold A. Hulbut
Driller's Address 61 9th St., Helena, Montana

LICENSE NO. 7

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
<u>0</u>	<u>0</u>
<u>1</u>	<u>1</u>
<u>2</u>	<u>2</u>
<u>3</u>	<u>3</u>
<u>4</u>	<u>4</u>
<u>5</u>	<u>5</u>
<u>6</u>	<u>6</u>
<u>7</u>	<u>7</u>
<u>8</u>	<u>8</u>
<u>9</u>	<u>9</u>
<u>10</u>	<u>10</u>
<u>11</u>	<u>11</u>
<u>12</u>	<u>12</u>
<u>13</u>	<u>13</u>
<u>14</u>	<u>14</u>
<u>15</u>	<u>15</u>
<u>16</u>	<u>16</u>
<u>17</u>	<u>17</u>
<u>18</u>	<u>18</u>
<u>19</u>	<u>19</u>
<u>20</u>	<u>20</u>
<u>21</u>	<u>21</u>
<u>22</u>	<u>22</u>
<u>23</u>	<u>23</u>
<u>24</u>	<u>24</u>
<u>25</u>	<u>25</u>
<u>26</u>	<u>26</u>
<u>27</u>	<u>27</u>
<u>28</u>	<u>28</u>
<u>29</u>	<u>29</u>
<u>30</u>	<u>30</u>
<u>31</u>	<u>31</u>
<u>32</u>	<u>32</u>
<u>33</u>	<u>33</u>
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<u>70</u>	<u>70</u>

70 Show exact depth of bottom

47649

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Approved Stock Form—State Publishing Co., Helena, Montana—1921

File No.

T. *H-2 R. 9E*

DUPLICATE

County *Park*

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963

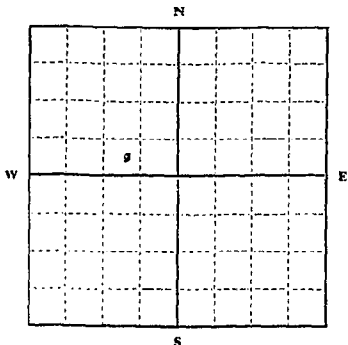
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. *Raymond J. Shorthill*, of *Hoffman Pk. Livingston, Mont.*
(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:



N.W. 1/4 Sec. 14 T. 4 S. 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 *home use and stock*

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) *1.6 gallons per minute*

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

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 *approximately on or before 1920*

8. The depth of water table *approximately 52 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 *6 inch casing and 52 feet*

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 *none available*

Signature of Owner *Raymond J. Shorthill*

Date *December 17, 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.

bottom

Doc # 97594

dated this 17th day of

December A. D. 1963

at 10:55 o'clock A. M.

Margaret Monish

County Clerk and Recorder.

By Emma Bowers

Deputy

for \$2.00

File No.

T. 4 South R. 9 East

DUPLICATE

MONTANA WATER RESOURCES BOARD

County Park

RECEIVED

LOG SEP 17 1968

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)

State of Montana

Owner Fish and Game dept. Address Helena, Mont.

Driller VAN DYKEN DRILLING CO. Address Bozeman, Mont.

0' - 4' Sands.
4' - 7' Sand and gravels.
7' - 10' Large boulders and gravels.
10' - 32'6" Sand and gravels. Water. 29'6" to 32'6" is very clean sand and gravels.

Date of Notice of appropriation of groundwater none

Date well started Dec. 23/66 Date completed Dec. 28/66

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

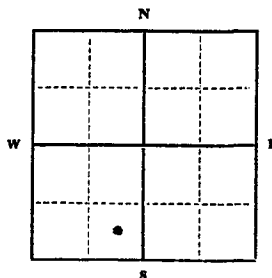
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Camp ground

T.D. 32'6"

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. 19# P.E. New, tested.	0'	32'	none		

Well located at MALLARDS REST.



Static Water Level for non-flowing well 19'6" feet.

Shut-in Pressure for Flowing Well none

Pumping Water Level 22'6" feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well none

How Tested Bailer

Length of Test 2 Hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Top 11' is cement grouted in outside of 6" casing.

L-7/4 Sec. 16, T.4.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).

CAMP ROAD, MALLARD REST, MONTANA

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.

LICENSE NO. 1

Driller's License Number

Bert Van Dyken
Driller's Signature

Bert Van Dyken

113065

Filed with 16th day of

Sept. A. D. 1968

* B. O. Z. since a M.

Margaret Finanical
County Clerk and Recorder.

by ~~_____~~ Deputy

~~_____~~

File No.

T. 4 S. R. 9 E

DUPLICATE

County Park

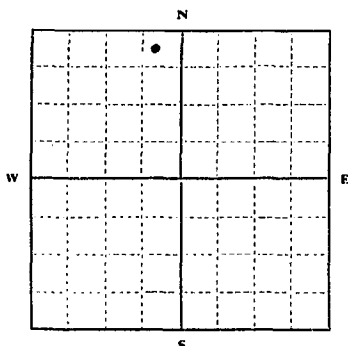
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Mary E. and Clyde J. Sullivan, 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:



of
NW 1/4 NW 1 Sec. 17 T. 4 S. 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. Use of well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Purchased property in 1954. Used since and before for stock & household use. Exact date of first beneficial use unknown.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) ~~XXXXXXXX~~ 3 to 5 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 None

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. Unknown - years prior to 1954

8. The depth of water table. Approx. 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, power pump with 3" plunger, 6" casing, drilled to 160 feet pressure flow

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

11. The log of formations encountered in the drilling of each well if available. None available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner Clyde Sullivan
Date Dec 27, 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.

20797

98526

Filed this 31 day of

Dec A. D. 1963

at 3:14 P. M.

Margaret Inwood
County Clerk and Recorder.

By Jee 20 Deputy.

File No.

DUPLICATE

T. 46 R. 9E

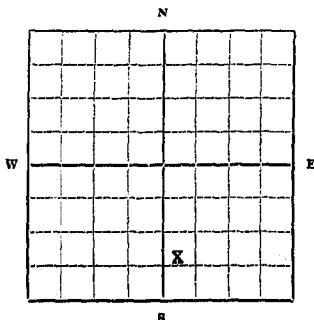
County Park

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963
STATE ENGINEER

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

1. J. L. Sommers 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:



NW1/4 Sec. 46 T45 R9E

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

- 2. The beneficial use on which the claim is based Stockwater, Household, Lawn Irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900 - Continuous use
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gal per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lawn Irrigation
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Gravity Flow Spring

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
- 8. The depth of water table
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
- 10. The estimated amount of groundwater withdrawn each year 71,000,000 gal per year
- 11. The log of formations encountered in the drilling of each well if available None
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner James L. Sommers
Date December 20, 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.

Doc # 97669
Filed this 20th day of
December A. D. 1963
at 2:20 o'clock P.M.
Margaret Monahan
County Clerk and Recorder.
By William Lee Notary.
fee \$ 2.00

RECEIVED

County Park

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

0501000

DRILLER'S LOG

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

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962

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

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

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

Owner Orlin Malcolm

Address Hoffman Rte.

Livingston, Montana

Date well started Nov 1970

completed Nov 1970

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

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

Water Use: Domestic Municipal Stock Irrigation

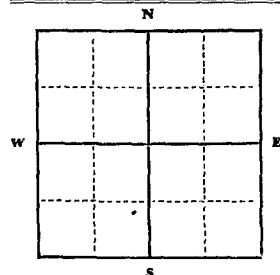
Industrial Drainage Other * Garden/Lawn

*Describe _____

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

ESTIMATED ANNUAL WITHDRAWAL _____

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	40 3/4	10	10			
	40 3/4	10	10			



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

S.E. 1/4 Sec. 26
T. 43 N. R. 9 E
S W

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

Driller's Signature Donald B. Hulbert

Driller's Address _____

LICENSE NO. _____

Top of Ground (Elev. above sea level) _____	
From (Feet)	To (Feet)
0	10
10	20
20	30
30	40
40	50
50	60
60	70
70	80
80	90
90	100
100	110
110	120
120	130
130	140
140	150
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770	780
780	790
790	800
800	810
810	820
820	830
830	840
840	850
850	860
860	870
870	880
880	890
890	900
900	910
910	920
920	930
930	940
940	950
950	960
960	970
970	980
980	990
990	1000

Show exact depth of bottom

47716

#119744

Filed this 16 day of

December A. D. 1970

at 3:10 o'clock P. M.

Margaret Ironical
County Clerk and Recorder

By _____ Deputy

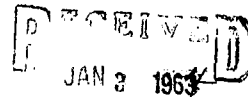
Lee G. G.

GW 4
File No. _____

T 49 R 9E
County Park

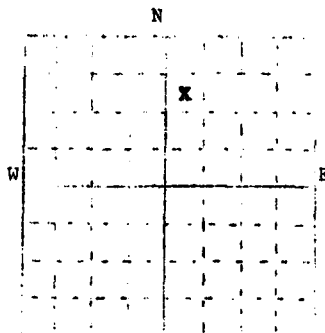
Duplicate

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Mrs. O. Omsundsen, 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:



SW 1/4 NW 1/4 Sec. 27 T. 49 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 Water Well for Household use and lawn

3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 1958 and Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 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 Lawn and surroundings of house. Approx. one acre in SW 1/4 NW 1/4, Sec. 27, T 49, R 9E. by ~~owner~~ Mrs. O. Omsundsen

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 NW 1/4, Sec. 27, T 49, R 9E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 1958 April 1958

8. The depth of water table 38 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 60 feet deep, 6 inch from casing and electric pump

10. The estimated amount of groundwater withdrawn each year lpx 1,300,000 gal per year

11. The log of formations encountered in the drilling of each well if available Gravel and occasional sand and silt beds. No measurements 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

Signature of Owner Mrs. O. Omsundsen
Date 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.

98210

Filed the 31st of
December A. D. 1963
at 7:54 P. M.
Margaret Munsal
County Clerk and Recorder
Emma Bowles
Fee \$2.00

File No.

T. 42 R. 47

DUPLICATE

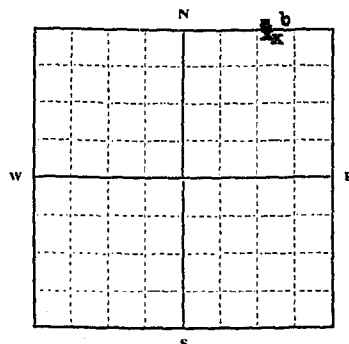
County Park

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights **RECEIVED**
JAN 2 1964

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Howard and Cecilia June Hotchkiss1. ~~Howard and Cecilia June Hotchkiss~~ 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:

N.E. 1/4 Sec. 27, T.4 S. 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.....

Livestock and householdb. Livestock and rural school3. Date or approximate date of earliest beneficial use; and how continuous the use has been. b. continuous since about 1910a. continuous since approx. 19454. The amount of groundwater claimed (in miner's inches or gallons per minute) b. 50 gallons per minutea. 50 gallons per minute5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
None

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

b. Electric pump, approximately 300 ft eastof NW corner of NE 1/4 of NW 1/4a. Approx. 50 feet east of NW corner of NE 1/4 of7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Unknown8. The depth of water table. 30 ft for a. and b.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. b. 72 feet deep a. 65 feet deep10. The estimated amount of groundwater withdrawn each year. 1.5/ 1.5 million gallons11. The log of formations encountered in the drilling of each well if available
Unknown12. 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. UnknownSignature of Owner Howard Hotchkiss
Cecilia June HotchkissDate Dec 30, 1963

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

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

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

17914

98016

Filed this 30 day of
December A. D. 1963
at 1:35 o'clock P. M.
Margaret Monical
County Clerk and Recorder.
By _____ Deputy
fee \$ 2.00

11

File No.

T. H. S. R. 9 E

DUPLICATE

County Park

MONTANA WATER RESOURCES BOARD
RECEIVED

JAN 7 1969

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 Larry McComb Address Livingston

Driller M. E. Jones Address Bozeman

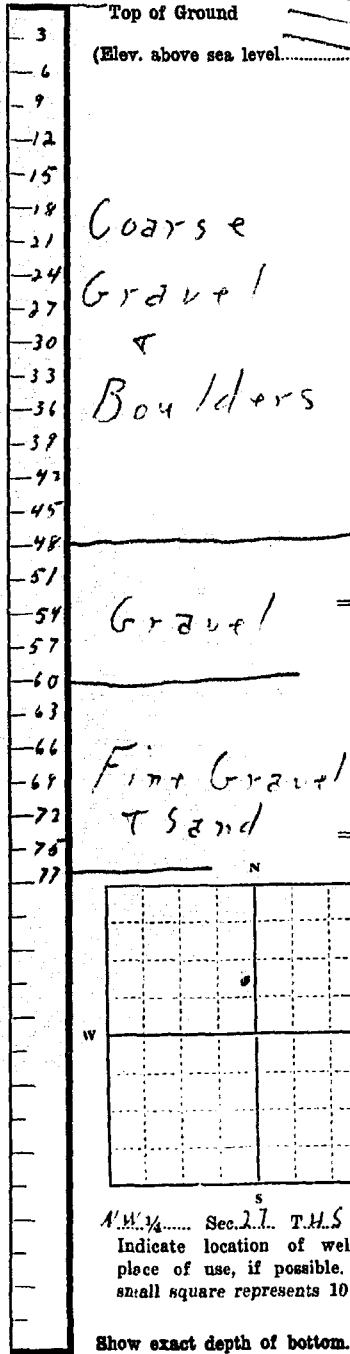
Date of Notice of Appropriation of Groundwater.....

Date well started Dec 9, 1968 Date Completed Jan 3, 1969

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"	6 5/8" OD. X 17'	1' Above Ground	77			
				N 1 7/8"		

Static Water Level for non-flowing Well 42 feet.

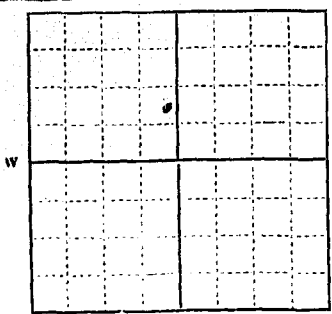
Shut-in Pressure for Flowing Well.....

Pumping Water Level 77 feet at 25 gal. per minute.

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

How Tested Pump Length of Test 1 Hour

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).....



N.W. 1/4 Sec. 27 T. H. S. R. 9 E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

17
Driller's License Number
Milton E. 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.

44,897

Doc. # 113952

Filed 6th day of

January A. D. 1969
1:20 P. M.

Margaret Monahan
County Clerk and Recorder

By Lottie Jane Doe
Deputy

Fee \$2.00

County Clerk and Recorder
Lottie Jane Doe
Deputy

T. 4S R. 9E

County Park

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAY 7 1961

WATER WELL LOG

STATE ENGINEER

	X	

Owner *Oliver Melvin* Address *Livingston*

Driller *Otto Melvin* Address *Livingston*

Date Started *March 1933* Date Completed *April 1933*

Location: Sec. *28* T. *4S* R. *9E* 1/4 sec. *S.W. 1/4 NE 1/4*

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

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

Casing: *36* ft. to _____ ft. Type *iron* Size *6 inch*

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 *holes in casing*

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

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

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

How tested: *with pump*

Length of test *24 hours*

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

nothing

(over)

122864

Filed this 2nd day of

December 1971

1:04 at 0 o'clock

Margaret Monical
County Clerk and Recorder

Filed # 2nd Deposition