

10,358

30 Dec
63 82
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JJA

13,923

STATE OF MONTANA (SS
COUNTY OF FLATHEAD)

Filed on the 21 day of Nov
A. D. 1968 at 1 o'clock P.M.

SEM
County Clerk and Recorder

By M J Deputy

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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 Patrick Creek Pottery

Address Route 2

Helispell, Montana

Date well started 5/11/72

completed 6/2/72

Type of well Drilled

Equipment used Mr Rotary

Water Use: Domestic Municipal Stock Irrigation

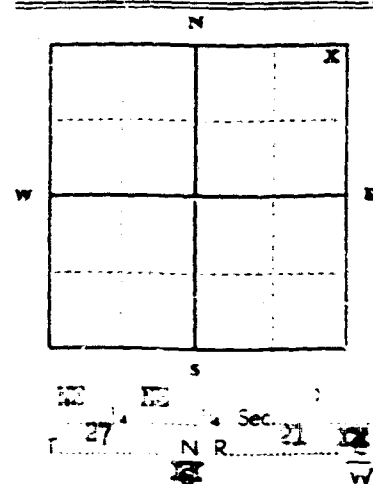
Industrial Drainage Other Garden/Lawn

*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). 0.991 acres of land more or less

ESTIMATED ANNUAL WITHDRAWAL 31,536,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
10"	8 5/8" CD x 1/2"	0	12			
		+ 2	12'1"	5	0	5



Static water level 302 ft.
Pumping water level 353 ft.
at 60 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by Mr Lift Pump
for two hours.
Power Diesel Pump 150 HP.
Remarks: (Gravel packing, cementing, packers, type of shutoff) all water entering well from cracks & joints in the rock below 316 ft. Wells in this area can be depended upon to produce water.

Top of Ground Approx Elev. above sea level 3020'

From (Feet)	To (Feet)	Description
0	5	Tan clay with broken rock and boulders mixed in
5	11	Blue gray rock
11	29	Tan, brown and gray rock in thin alternate layers
29	41	Gray green rock
41	72	Gray rock
72	84	Blue gray rock
84	93	Tan and brown rock in thin alternate layers
93	316	Blue gray rock
316	360	Blue gray rock. 1/2 GPM
360	404	Blue gray rock
404	465	Blue gray rock. 6 GPM
465	926	Blue gray rock
926	980	Blue gray rock. 60 GPM TOTAL

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

Driller's Signature [Signature]

Driller's Address 727 73

Helispell, Montana

LICENSE NO. 52

30 ft. Show exact depth of bottom water rise in well 302 feet from surface.

51,954

14,566

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }
Filed on the 4 day of Sept
A.D. 1977 at 9:30 o'clock P.M.
[Signature]
County Clerk and Recorder
BY [Signature] Deputy

clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.

File No. _____

DUPLICATE

T. 27 R. 21
County Deerhead

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: George & Nancy Ann Burdick Rt 2 Kalispell

Driller: Allen J. Justin Address: Col. Falls Inn

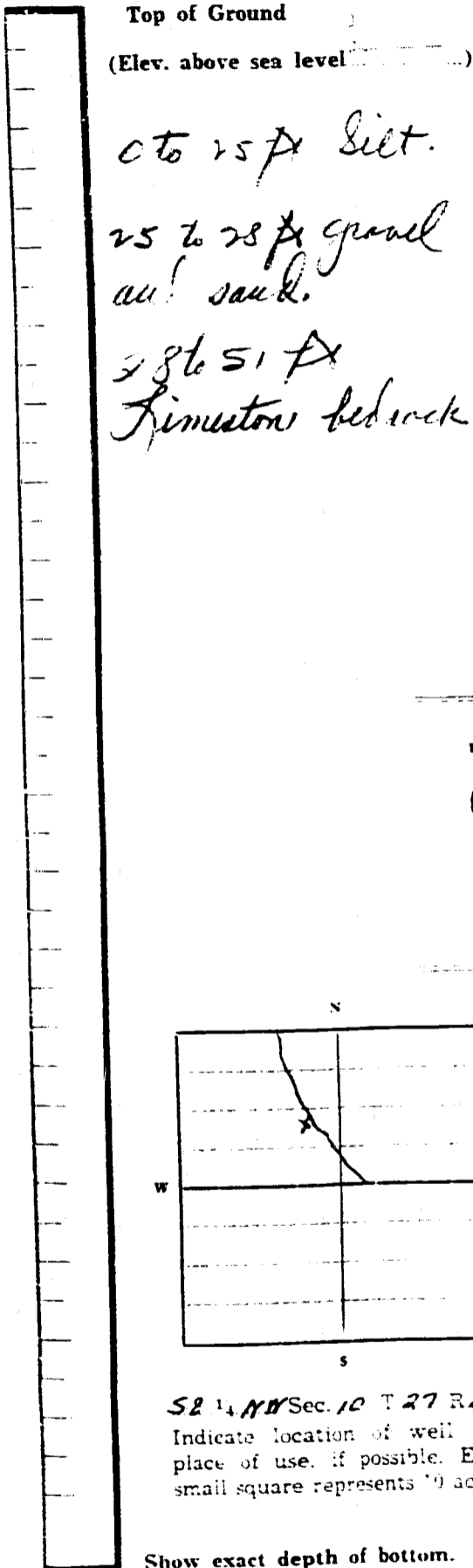
Date of Notice of Appropriation of Groundwater: now-filed

Date well started: April 18-67 Date Completed: April 21-67

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

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/8	23 lbs per ft	5	28	none		

Static Water Level for non-flowing Well: 19 feet.
Shut-in Pressure for Flowing Well: now flowing
Pumping Water Level: 46 feet at 6 gal. per minute.
Discharge in gal. per min. of flowing well: now flowing
How Tested: backer 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)

no measurements from casing pack level.

701 55
Driller's License Number
Allen J. Justin
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.

41 992

12,900

8 May
67 1st 3877
M J

File No.

JW 4

T. 22 N. R. 21 W. 10
County Fitzhugh

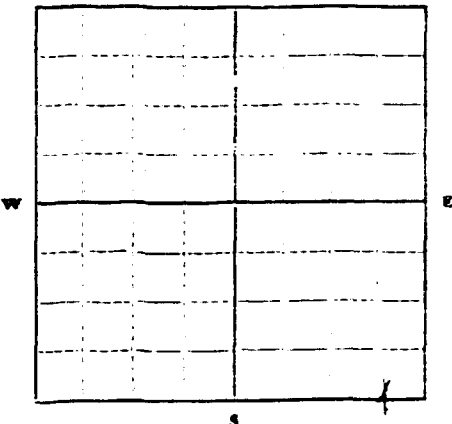
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Richard Altenburg of Sowers Stage Kalispell
(Name of Appropriator) (Address) (Town)
County of Fitzhugh State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 SE Sec. 10, T. 22, R. 21
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, stockwater, irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. yr. 1900 continuously every day
- 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. 2 acres, S.E. 1/4, S.E. Sec. 10, T. 22, R. 21, Richard Altenburg
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump, as shown in diagram
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. yr. 1950
- 8. The depth of water table. 22 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. 2 in. diameter pipe with sand point
- 10. The estimated amount of groundwater withdrawn each year. 10,000,000 gal.
- 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

Signature of Owner Richard Altenburg
Date Dec 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.

10995

131 Dec
3236
John
R. H.

T. _____ R. _____
 County Flathead

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 Mary & Nancy Busch Address Pt 2 Kalispell Mont.
 Driller Self Busch Address Same

Date of Notice of Appropriation of Groundwater Oct 12 1965
 Date well started July 3 1965 Date Completed July 3 1965

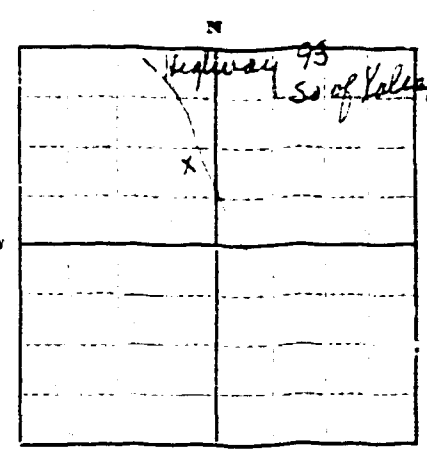
Type of well Driven Equipment Used Sandpoint
 (dug, driven, bored or drilled) (Churn, drill, rotary or other) sunk

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)
<u>1 1/2 in</u>	<u>1 1/2 in</u>		<u>23 ft</u>			

Sunk sandpoint by using backhoe for pressure



SE 1/4 NW 1/4 Sec. 10 T27 R21
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well Unknown feet.
 Shut-in Pressure for Flowing Well Not applicable
 Pumping Water Level 21 feet at unknown per minute.
 Discharge in gal. per min. of flowing well Not applicable
 How Tested Unknown Length of Test 15 >

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)
Not applicable

Show exact depth of bottom.

Driller's License Number _____
Nancy Ann Busch
 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.

11, 915

65 18 Oct
S 2637 /
Jill

File No.

GW 1

T. R. County Flathead

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 Beauregard Address 132
Driller Harold McCarty Address 945 - 2nd St. N.

Date of Notice of Appropriation of Groundwater _____
Date well started Aug 29/69 Date Completed Sept 12/69

Type of well Drilled Equipment Used 2 1/4" Rotary Drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

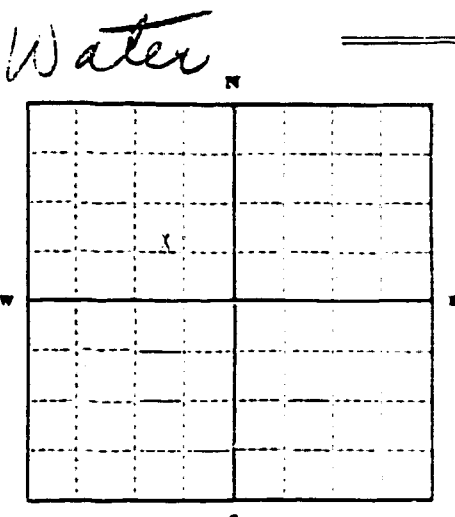
Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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 2980)
Top soil
20ft
solid
Rock

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>7" OD</u>	<u>23"</u>		<u>20</u>			



Water
Indicate location of well and place of use, if possible. Each small square represents 10 acres.
10-5-69
Show exact depth of bottom.

Static Water Level for non-flowing Well... 17 feet.
Shut-in Pressure for Flowing Well...
Pumping Water Level... 1-5 feet at 5 gal. per minute.
Discharge in gal. per min. of flowing well...
How Tested: Tester Length of Test... 4 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)

Driller's License Number 18
Driller's Signature Harold McCarty

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.

45321

14,064

STATE OF MONTANA
COUNTY OF FLATHEAD
Filed on the 25th day of Sept
A. D. 1969 at 10:25 Clock P. M.
Gem
County Clerk and Recorder
By [Signature] Deputy

MONTANA WATER RESOURCES BOARD
RECEIVED
NOV 6 1969

File No. _____

GW 4

T 21 N 21 W R 12

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

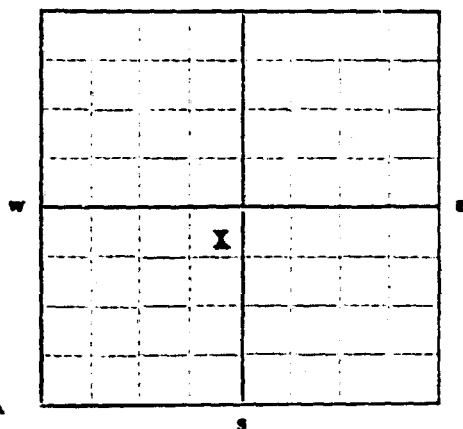
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, C. S. Cockrell of Route 2 Kalispell
(Name of Appropriator) (Address) (Town)

County of Flathead State of Montana

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



Govt Lot 3
1/4 Sec. 10, T. 27N R. 21W NPM

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 residential

3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 1961. Constant

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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
Not used

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump located on Govt Lot 3, Section 10, T27N, R21W

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

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 6" cased well - depth not available

10. The estimated amount of groundwater withdrawn each year 300,000 Gallons

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

Signature of Owner [Signature]

Date Dec. 30, 1963

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

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

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

227

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Allen & Michael
Chute

RECEIVED

County Blaine

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 James Cross

Address Rt 2 (938)

Kaliispell, Mont.

Date well started Feb 21, 1972

completed Feb 25, 72

Type of well Drilled

Equipment used 22 W Bucyrus-Erie

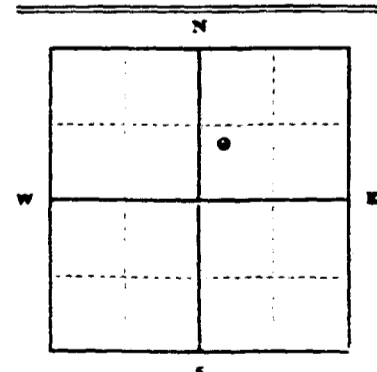
Water Use: Domestic Municipal Stock Irrigation

Industrial Drainage Other Garden/Lawn

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
<u>7 1/2"</u>	<u>23"</u>	<u>189'</u>				



SW 1/4, NE 1/4, Sec. 10
T. 37 N. R. 31 E.

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

Driller's Signature James M. Clarty

Driller's Address 945-83 Ave. N.

Kaliispell, Montana LICENSE NO. 18

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) 2990

From (Feet)	To (Feet)
	<u>6"</u>
	<u>Top soil</u>
	<u>Clay</u>
	<u>21 ft</u>
	<u>Sand, silt</u>
	<u>& little sewage</u>
	<u>90 ft</u>
	<u>Silt</u>
	<u>Clay</u>
	<u>180 ft</u>
	<u>Coarse</u>
	<u>sand</u>
	<u>&</u>
	<u>gravel</u>

Static water level 6 ft.
Pumping water level 50 ft.
at 30 gallons per minute,
measured 30 minutes after pumping
began.

*Measured from ground level.
Well developed by 3 hours.

Power 3 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

191 ft Show exact depth of bottom

14370

STATE OF MONTANA)
COUNTY OF FLATHEAD) SS
Filed on the 29th day of July
A. D. 1922 at 12:45 o'clock P.M.
[Signature]
County Clerk and Recorder
By [Signature]
Deputy

[Handwritten notes, possibly including names like "Mississippi Street" and "John W. ..."]

[Vertical handwritten text on the right margin]

[Large block of handwritten notes at the bottom of the page, including the word "COPY" and various illegible scribbles]

File No. _____

SW: _____

T. _____ R. _____

County _____

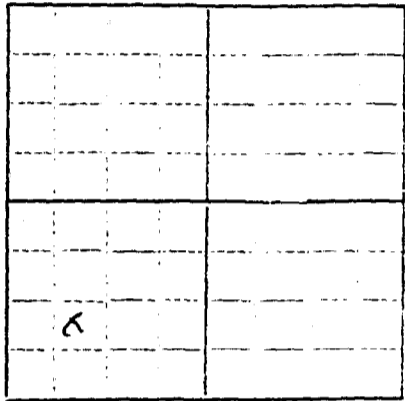
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bruce Garre of Box 2, Talspell
(Name of Appropriator) (Address) (Town)
County of Flathead State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



5 1/2 x 1/2 Sec. 10, T 27 R 26

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1915 until now

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 70 gallons per minute

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

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

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

8. The depth of water table 145 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 40 feet of casing & the rest is lined with rock

10. The estimated amount of groundwater withdrawn each year 255,500 gallons approx.

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

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

Signature of Owner Bruce E. Garre
Date Dec 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.

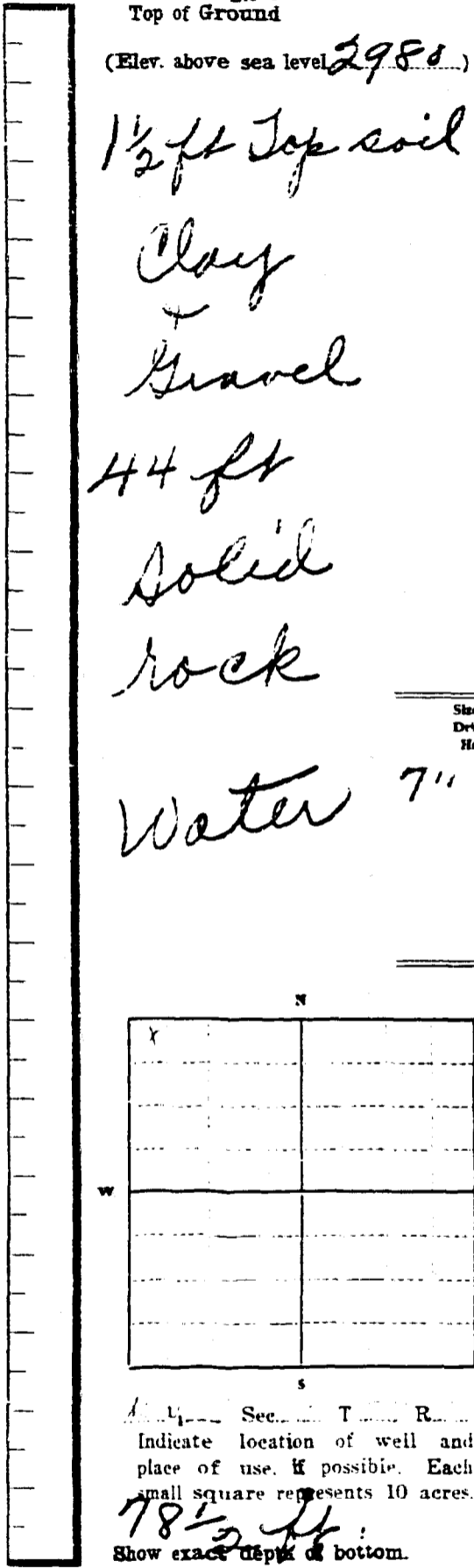
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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.

11011

31 Dec
1953
Fem
22 H.

File No. _____ B. 1055
 State _____
 County Flathead
 State of Montana
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER



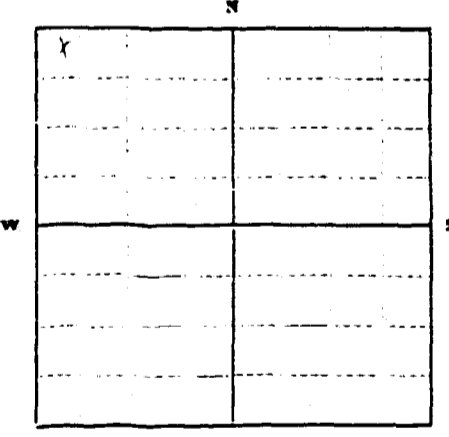
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Herbert Gleason, Rt 2 Missoula
 Driller: Homer McCarty, 945 8th St.
 Date of Notice of Appropriation of Groundwater: _____
 Date well started: Oct 24/65 Date Completed: Nov. 2/65
 Type of well: Drilled Equipment Used: 2 1/4 Bucyrus Erie
 (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	From (Feet)	To (Feet)
7" O.D.	23#	44 1/2'				



Indicate location of well and place of use, if possible. Each small square represents 10 acres.
78 1/2 ft.
 Show exact depth of bottom.

Static Water Level for non-flowing Well: 18 feet.
 Shut-in Pressure for Flowing Well: _____
 Pumping Water Level: 65 feet at 5 gal. per minute.
 Discharge in gal. per min. of flowing well: _____
 How Tested: Bailer 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)

Driller's License Number: 18
 Driller's Signature: Homer McCarty

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.

11,926

16 120' 100'
65 120' 100'
5677
m.s.

File No. _____

County Flathead

DUPLICATE

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 A. B. Kepner Address Donner
Driller Homer McCarty Address 945-8th Ave N

Date of Notice of Appropriation of Groundwater _____

Date well started Mar 21/66 Date Completed Mar 25/66

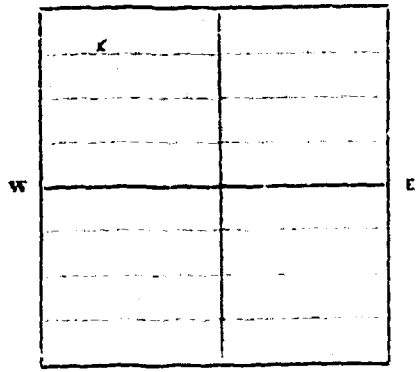
Type of well Drilled Equipment Used 2 1/4" Bingham Eric
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Top of Ground
(Elev. above sea level 2980)
1 1/2 ft Top soil
silt, sand & gravel
10 ft sand with water seepage
6 1/4 ft silt clay & gravel
11 8 ft silty sandy gravel with seepage
130 ft sand & gravel water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>7" OD</u>	<u>23" WT</u>		<u>134 1/2</u>			



N 1/4, N 2 Sec. 10 T 27 R 21

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

134 1/2 ft
Show exact depth of bottom.

Static Water Level for non-flowing Well 15 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 95 feet at 23 1/3 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailer 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) _____

WATER CONSERVATION BOARD

APR 6 1966

18
Driller's License Number
Homer McCarty
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.

12169

29 March
66
28 M
JL

DEC 30 1963

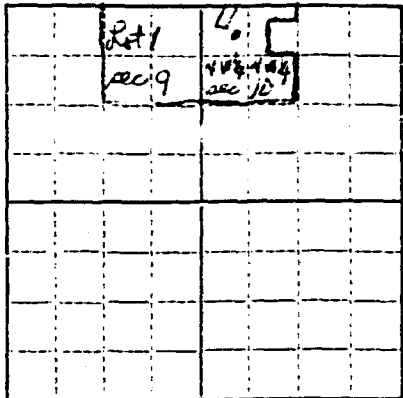
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Albert Lang & Dainy Maydany RT2 Kalsjell
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec 9
N.W. 1/4, NW 1/4 Sec. 10 T. 27 R. 21 W

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

- 2. The beneficial use on which the claim is based *domestic use, household, and livestock water irrigation*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been *1954, and use has been constant*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) *25 gallons per minute*
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof *4 acres, lawn, and garden, owner Albert, and Dainy Lang*
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *electric pressure pump located on NW 1/4 - NW 1/4 of sec. 10 T. 27 N. Range 21 W, M.P. M.*

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *well started in Oct of 1954, and completed in November of 1954*

8. The depth of water table *6 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 *a dug well 3 ft dia. and 27 ft deep, concrete tile casing*

10. The estimated amount of groundwater withdrawn each year *3,200 (about)*

11. The log of formations encountered in the drilling of each well if available *formation of ground from top to water is sand*

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 that I can think of*

Signature of Owner *Albert Lang, Dainy Maydany*

Date *Dec 19 - 1963*

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

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

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

10,096

OFFICE OF THE COUNTY CLERK
COUNTY OF SAN DIEGO, CALIF.

Witness my hand and seal this 20 day of Dec
1963 at 12:45 o'clock P M

J. L. M.

County Clerk and Recorder

J. P.

Deputy

T. R. 27
County Flathead

F. No. _____

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



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

0 to 39 ft clay and boulders
39 to 64 ft Limestone
bed rock.

Owner David Lang Address Kellie Hill road
Driller Alsen & Justice Address Coll Falls road

Date of Notice of Appropriation of Groundwater none filed

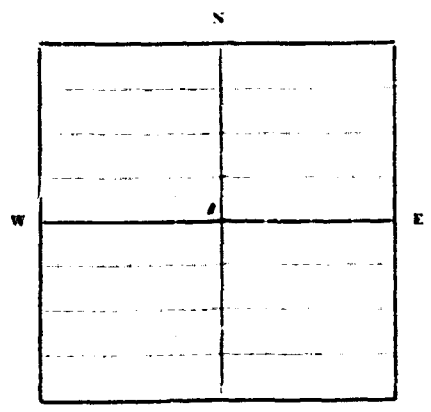
Date well started Nov 15, 1965 Date Completed Nov 18, 1965

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

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/8	23 lbs per ft 7" O.D.	0	41			



NW 1/4 Sec. 10 T 27 R 21
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing Well _____ feet.
Shut-in Pressure for Flowing Well non-flowing
Pumping Water Level 60 feet at 5 gal. per minute.
Discharge in gal. per min. of flowing well non flowing
How Tested Bailer 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)

WATER CONSERVATION BOARD

APR 6 1965

700 55

Driller's License Number _____
George J. Justice
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.

4092

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J

T. 27N R. 21W

F. No. _____

County Flathead

DUPLICATE

Engineer _____
 Surveyor _____
 Dicker _____

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)

0 to 46 ft Sandy silt
 46 to 89 ft Gray silt
 89 to 92 ft
 Waterbearing gravel - 10' thick

Owner Country Estates Address Kalispell, Mont

Driller Allen & Justin Address Col. Falls, Mont

Date of Notice of Appropriation of Groundwater now filed

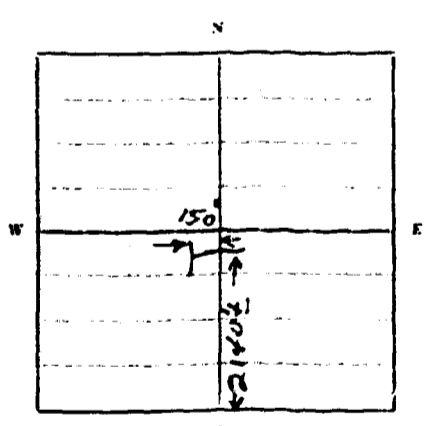
Date well started Oct 12 - 65 Date Completed Oct 13 - 65

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

Water Use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/8	7" O.D. 23 lbs per ft	0	92	none		



NE 1/4 SW Sec. 10 T27N R. 21W
 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... non-flowing
 Pumping Water Level... 24 feet at 35 gal. per minute.
 Discharge in gal. per min. of flowing well non-flowing
 How Tested ailer 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)

Driller's License Number 2155
 Driller's Signature Allen & Justin

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.

11916

14 Oct
65 1:15 PM

Den

[Signature]

File No.

GW 2

T. 17 R. 10

County Flathead

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 Albert Steffes Address Libby, Mont.

Driller Argyle Hendrickson Address Kalispell, Mont.

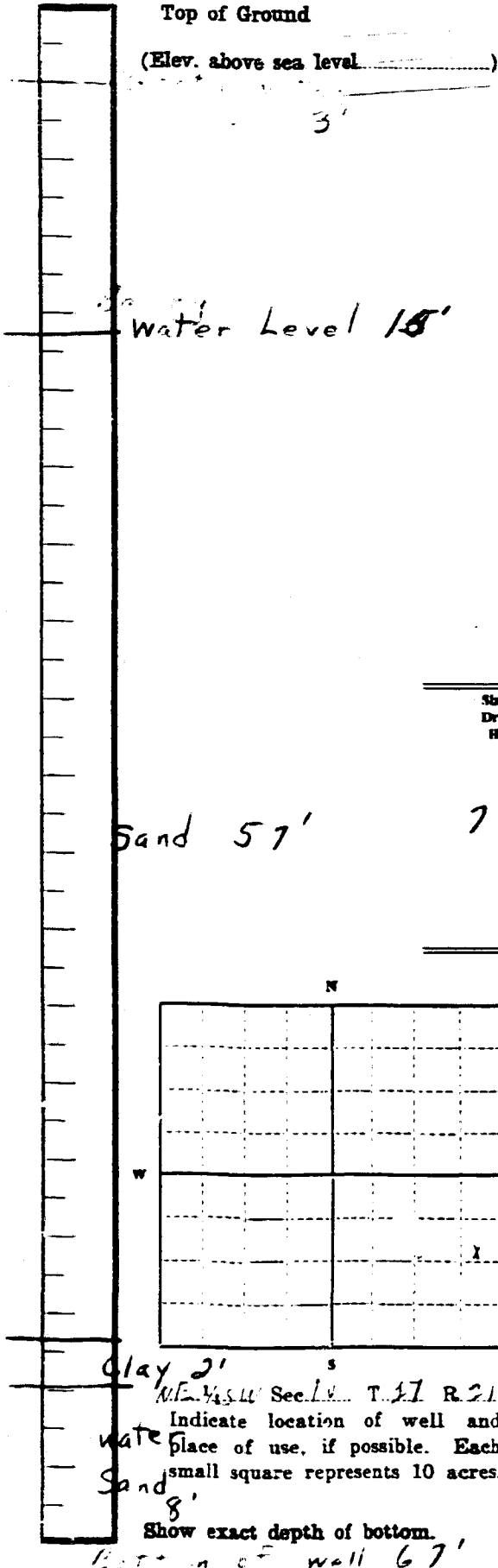
Date of Notice of Appropriation of Groundwater

Date well started 7/8/68 Date Completed 7/10/68

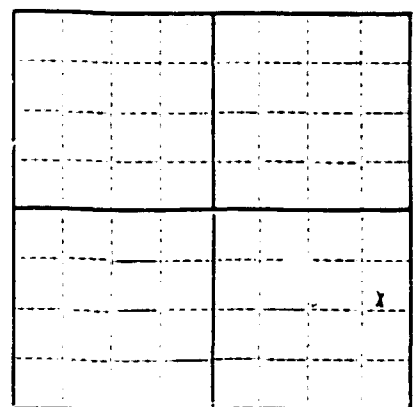
Type of well Drilled Equipment Used Drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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)
7"	7" OD	0	67	X	X	X



Static Water Level for non-flowing Well 3 feet.

Shut-in Pressure for Flowing Well Not Applicable

Pumping Water Level 15 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well Not Applicable

How Tested Balcr 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)

Clay 2'
NE 1/4 Sec. 14 T. 17 R. 21
Indicate location of well and place of use, if possible. Each small square represents 10 acres.
Water
Sand 8'
Show exact depth of bottom.
Bottom of well 67'

53
Driller's License Number
Argyle Hendrickson
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.

44867

13935

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS

Filed on the 11 day of Nov
A. D. 1968 at 11:25 o'clock A. M

County Clerk and Recorder

By _____
Deputy

File No. _____

GW 4

T 27N R 21W MPM

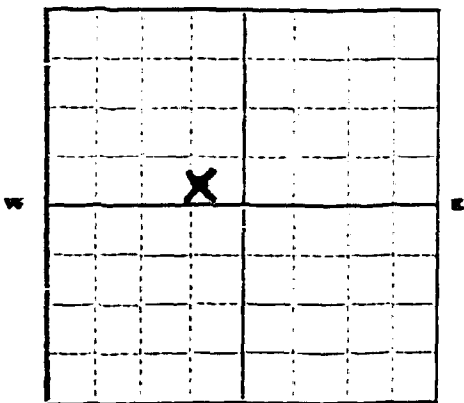
County FLATHEAD

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. CLINTON W. STEINBERG of ROUTE 2 KALISPELL
(Name of Appropriator) (Address) (Town)
County of FLATHEAD State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S 1/2 GOVT LOT 2
SE 1/4 NW Sec 10 27N 21W

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, garden, lawn, Trees, and shrubs

3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 1961
Continuous as meets seasonal demands

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
approximately 1 acre Fruit trees and bushes and garden
Clinton W Steinberg

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
1 HP Electric Pump, Artesian flow
in S 1/2 GOVT 2 about 20 feet apart

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

8. The depth of water table 3/4 Foot above ground. (Can flow as Artesian)

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
24ft deep of 1 1/2" pipe
Driven Well

21ft of 1" pipe Driven Well which
is used as artesian well continuously

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

11. The log of formations encountered in the drilling of each well if available
0-2 ft top soil
2-3 ft clay
3-16 ft cherty sand
16-22 ft gravel
22-28 ft gravelly silt

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 applicable to the best of my knowledge.

Signature of Owner Clinton W. Steinberg
Date 12-30-63

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.

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June 30
1963 257
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Reich

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File No. _____

GW: _____

T. 27 N. R. 21 W.

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

2 Ft. Surfaced
Top of Ground
(Elev. above sea level 2915 Ft.)

12 Ft. Clay

8 Ft. Silt

20 Ft. Series of sand,
gravel & clay

7 Ft. Glacial conglomerate
2 Ft. Ledge rock

Bottom of well 51 Ft.

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Clinton W. Steinberg Address Route #2
Kalispell, Montana

Driller Gordon S. DeYoung Address Route #1
Kalispell, Montana

Date of Notice of Appropriation of Groundwater _____

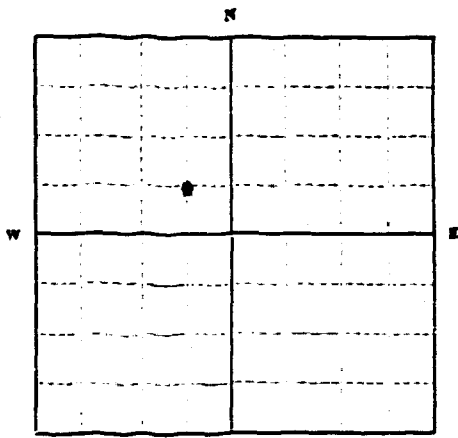
Date well started July 10, 1966 Date Completed July 20, 1966

Type of well Driven 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)
7"	7" O. D. 20#	Surface	Bottom	None		



SE 1/4 NW Sec. 10 T27N R21W

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... Surface feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level... 42 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailer Length of Test 3 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) _____

No. 101

Driller's License Number

Gordon S. DeYoung
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.

41051

12,592

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 20 day of Sept
A. D. 1962 at 8:30 o'clock AM

E. M.
County Clerk and Recorder

By J. W. Deputy

FD- No. _____

T 27 N R 21 W MPM

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

Under Chapter 237 Montana Session Laws, 1961

Date of Appropriation of Groundwater February 1968

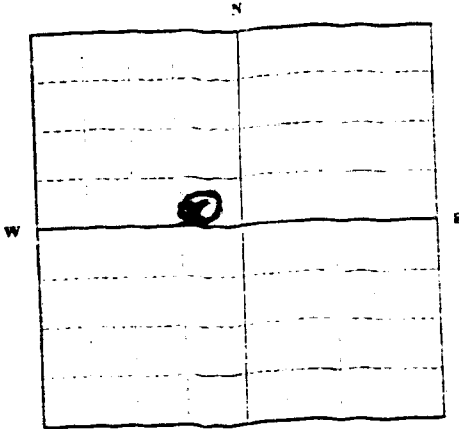
Owner Clinton W Steinberg address Route 2 Kalispell Mont.

Contractor if any None

Address of Contractor Not applicable

Date Started Not Applicable Date Completed Not applicable

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural Spring which flows the year around



South 1/2 Govt Lot 2
Sec 10 T27N R21W

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

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

estimate approximate lengths of periods of use Flows

Continuously with a minimum flow during the month of August of 2 gallons per minute measured by the rate the pond refilled after pumping

Signature of Owner Clinton W. Steinberg

Date 12-30-63

This form to be prepared by contractor if any; otherwise by the owner.

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

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

Original to the County Clerk and Recorder. Duplicate to the State Engineer. Triplicate to the Montana Bureau of Mines and Geology and Quadrate Office for the Appropriation.

10536

30 3-
W 3-
Ann E. Michener
C. Michener

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

Owner Paul L. Martin
 Address 5000 Montana 59732
 Location T. 40N R. 51W Sec. 11
 Doc. No. 14404

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

Special Instructions:

Please review, as indicated in red on the enclosed form, the ~~well~~ groundwater use.

Thank you

*Paul L. Martin
4/17/72*

50143

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
7" O.D.	7" 20 Lbs.	0	218	X	X	X

Static Water Level for non-flowing Well 12 feet.

Shut-in Pressure for Flowing Well Not Applicable

Pumping Water Level 90 feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well Not Applicable

How Tested Baler 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).....

2.2 acres irrigated, if used for irrigation).....

50' red clay and gravel Stone

13' red aquifer

Show exact depth of bottom.

218 Feet

153
 Driller's License Number
Argyle Hankinson
 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.

50143

RECORDED

GW:

T. R.

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)
Static Water Level (12')
32' Gray Sand

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1951)

Owner Melvin Dee Marton Address Somers

Driller Argyle Hendrickson Address Kalispell

Date of Notice of Appropriation of Groundwater

Date well started Feb. 23, 1972 Date Completed March 20, 1972

Doc. No. 14464
Filed for record
this 7 day of April
A. D. 1972, at 2:10
o'clock P. M.

Type of well Drilled Equipment Used 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.

117' Gray Silt

Size of Orbit Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7" O.D.	7" 20 Lbs.	0	218	X	X	X

Static Water Level for non-flowing Well 12 feet.

Shut-in Pressure for Flowing Well Not Applicable

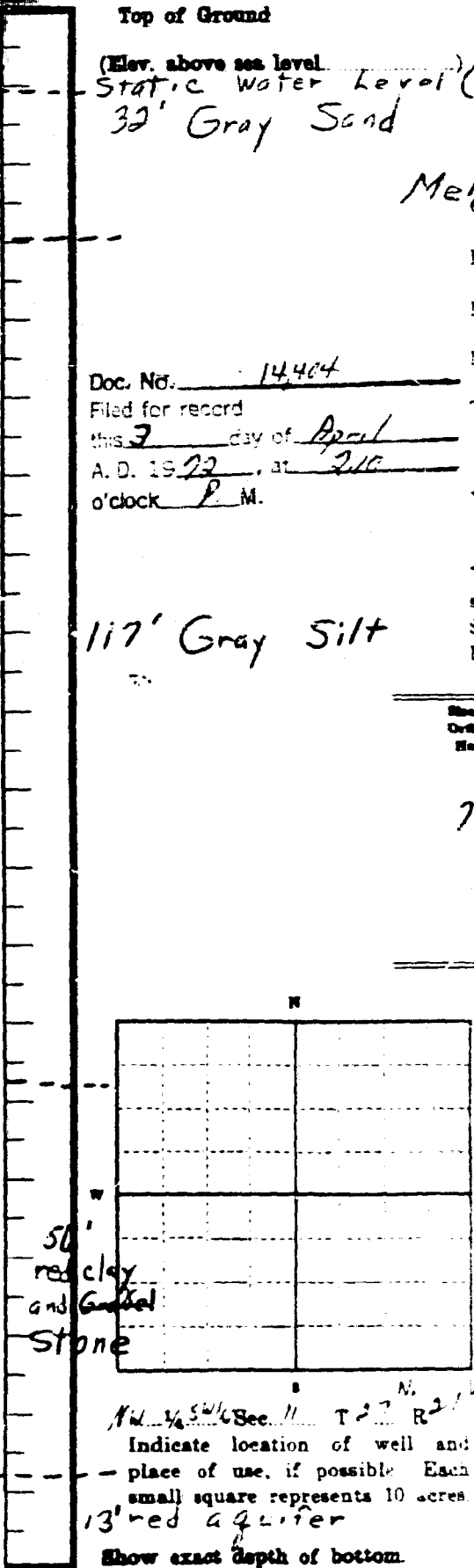
Pumping Water Level 90 feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well Not Applicable

How Tested Baler 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

2.2 acres irrigated, if used for irrigation)



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

Show exact depth of bottom.
218 Feet

153

Driller's License Number,
Argyle Hendrickson
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.

5:143

14.404

STATE OF MONTANA
COUNTY OF FLATHEAD SS
Filed on the 3 day of April
A.D. 1972 at 2:10 P.M.
Jcm
By Jcm

File No.

GW 4

T. N. R. ...
County

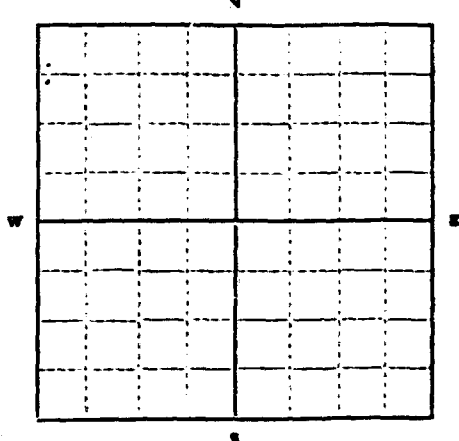
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



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

2. The beneficial use on which the claim is based ...
 3. Date or approximate date of earliest beneficial use; and how continuous the use has been ...
 4. The amount of groundwater claimed (in miner's inches or gallons per minute) ...
 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof ...
 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ...
 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not known
 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 ...
 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 William R. ...
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.

22631

10452

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63 125
Glenn E. Mulhens
Chick

14,658

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 15 day of May
A.D. 1973 at 3¹⁰ o'clock M

Gar
County Clerk and Recorder
BY Gar

Date

File No.

GW 2

T. 27 R. 21

County Blaine

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 Henry L. Picken Address Rt. 2

Driller Homer McCarty Address 945-83 Ave N.

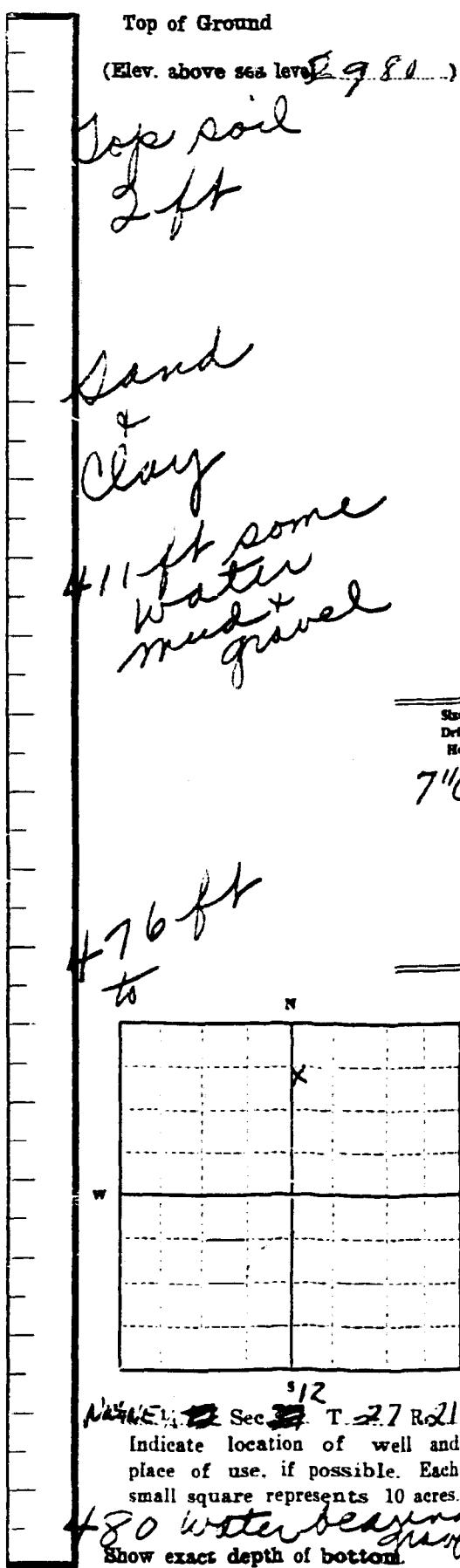
Date of Notice of Appropriation of Groundwater

Date well started Feb 12/64 Date Completed Mar 26/64

Type of well Drilled Equipment Used 2 1/2" W. B. Casper
(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" O.D.	23#	480				

Static Water Level for non-flowing Well..... 3 feet.

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

Pumping Water Level..... 35 feet at 34 gal per minute.

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

How Tested ailer Length of Test 3 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).....

18
Driller's License Number
Homer McCarty
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.

11,398

STATE OF MONTANA, SS
COUNTY OF FLATHEAD, SS

Filed on the 30 day of April
A. D. 1964 at 10:30 o'clock A.M.

2677
County Clerk and Recorder

By [Signature]
Deputy

Fl. No. _____

SW 4

21N 21W
County _____

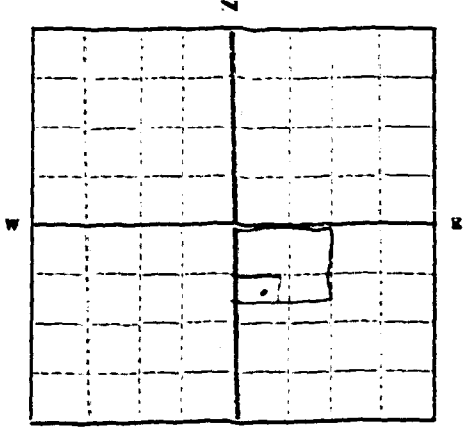
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964
STATE ENGINEER

1912 1/2 Section 4 and E. BEATTY of RT 2 Kalispell, Mont
(Name of Appropriator) (Address) (Town)
County of Flathead State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 of the SW 1/4 of the NW 1/4 of the SE 1/4
1/4 Sec 13 T12N R21W

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

- The beneficial use on which the claim is based IRRIGATING FRUIT TREES, GARDEN, LAWN, WATERING LIVESTOCK, 2100-SHOCKERS CHITRE - SOME EASTSIDE
- Date or approximate date of earliest beneficial use; and how continuous the use has been ABOUT 1954 - 1961 CONTINUOUS
- The amount of groundwater claimed (in miner's inches or gallons per minute) 80 GAL PER MINUTE
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof APPROXIMATELY 2.4 ACRES - THE N. HALF OF THE NW 1/4 OF THE SE 1/4 AND THE N. HALF OF THE SOUTH HALF OF THE NW 1/4 OF THE SE 1/4 ALL IN SECTION 27 AND 1/4 WEST 1/4 N. 1/4 BEATTY - CONE BEATTY
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal CENTRIFUGAL PUMP IN BASEMENT OF HOUSE

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater BOUGHT HOUSE AND LAND FROM ORIGINAL OWNERS AND NOT SURE BUT BELIEVE TO BE ABOUT 1954

8. The depth of water table 28 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 2" SAND POINT ABOUT 28" DEEP

10. The estimated amount of groundwater withdrawn each year 750,000 GALS TO 900,000 GALS

11. The log of formations encountered in the drilling of each well if available ABOUT 3 FT OF TOP SOIL THEN SAND & CLAY TO ABOUT 2 FT THEN SAND TO 28 FT

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record DO NOT KNOW OF ANY RECORDS

Signature of Owner Marion W. Beatty
Date Jan 26 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.

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File No.

SW 4

T. _____ R. _____

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

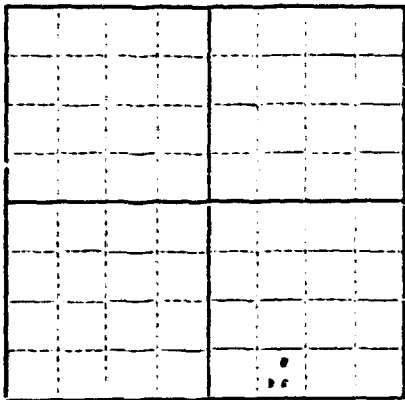
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. _____ of _____
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 17 T27 R21

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
HOUSEHOLD WATER, IRRIGATION

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1928, 1937, 1957
CONTINUOUS USE FOR HOUSE
IRRIGATION - OCCASIONAL

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
1/4 ACRES
RESIDENTIAL

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1937, 1957

8. The depth of water table 19 to 25 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
WELL
100 FEET DEEP

10. The estimated amount of groundwater withdrawn each year 36500 gallons

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

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 Margery C. Root

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 Quaduplicate for the Appropriator.

10,289

27 Dec
1934 P.
JEM
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STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

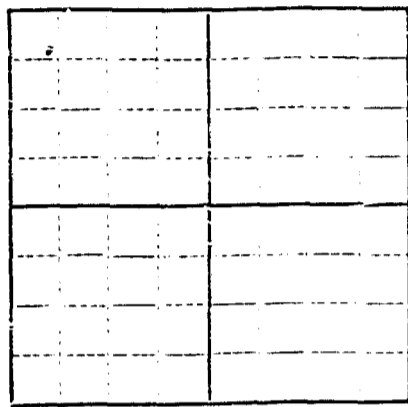
RECEIVED
JUN 8 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

ENGINEER

1. Clifford D. Munson Jr of Rt 2 Kalispell
Name of Appropriator Address (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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 GARDEN LAWN ANIMALS

3. Date or approximate date of earliest beneficial use; and how continuous the use has been FAR AS I KNOW ABOUT THE TOWN OF CENTRY FROM THE TIME IT WAS DUG

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

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

DONT IRRIGATE

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

1/2 HORSE WATER PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater TOWN OF CENTRY AS FAR AS I KNOW

8. The depth of water table 32 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 SAND POINT 2 INCH PIPE 32 FEET AND ONLY MADE ONE AT THIS TIME BUT GOING TO PUT BY ONE MORE

10. The estimated amount of groundwater withdrawn each year 20000 PER YEAR

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

DONT KNOW

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

Signature of Owner Clifford D. Munson Jr
Date 12-30-63

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.

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31 Dec
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File No. _____

GW 4

T 27 N 21 W
COUNTY FLATHEAD

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

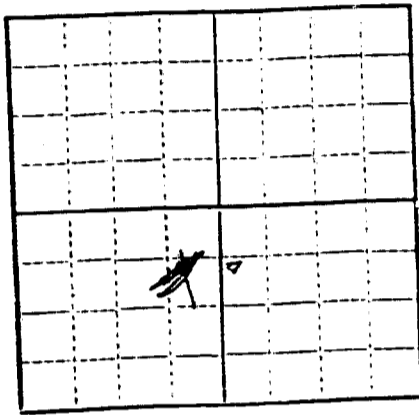
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Frank S. & Anna G. Wolff of Box 191 Somers
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 13 T.27 N. R. 21 W.

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

- The beneficial use on which the claim is based Home Garden & Stock
- Date or approximate date of earliest beneficial use; and how continuous the use has been Dec. 1945
CONTINUOUS
- The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gal Per Minute
- 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
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Centrifugal pumps Sand point Water House
" " " " in yard
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1946 - Dug well Sand point in yard
- The depth of water table 21 ft
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 1/2 H.P. Meyers Centrifugal pump Elect.
UNDER HOUSE Sand point
1/3 H.P. Gaul Centrifugal pump in dug well in yard
- The estimated amount of groundwater withdrawn each year 100,000 gal
- The log of formations encountered in the drilling of each well if available
Clay & Sand alternately
- 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 Frank S. Wolff
Anna G. Wolff
Date 12-30-63

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.

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File No. _____

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T. S. R. _____

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

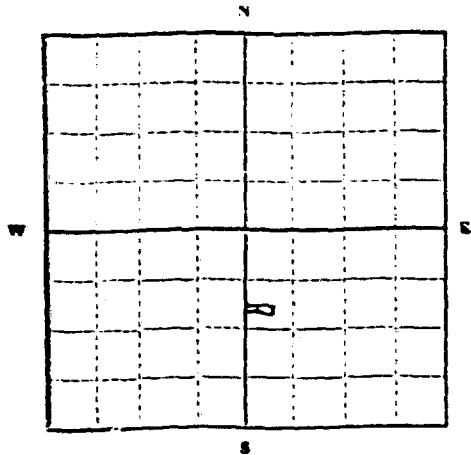
RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, William H. Sharon of Billings County of Blaine State of Montana

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



1/4 Sec 17 T22N R21W

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 None

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Not Applicable

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

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 Not Applicable

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

8. The depth of water table Not Applicable

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 Applicable

10. The estimated amount of groundwater withdrawn each year Not Applicable

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

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 Applicable

Signature of Owner William H. Sharon
Sharon S. Wolfe
Date 20 Dec 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.

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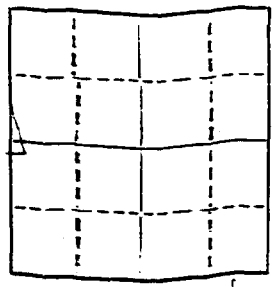
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RECEIVED

T. 27 R. 14
County Flathead

STATE ENGINEER
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner [Signature] Address [Address]

Driller [Signature] Address 145 [Address]

Date Started [Date] Date Completed 10/27/57

Location: Sec. 14 T. 27 R. 21 1/4 sec NW 1/4 SW 1/4

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing: _____ ft. to _____ ft. Type _____ Size 7 1/2"

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: _____ lb. sq. in. on: _____ (date)

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

How tested: [Signature]

Length of test: [Signature]

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

File No.

SW 4

T 27 N R 21

County Flathead

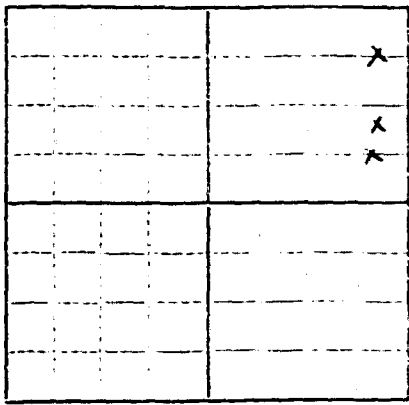
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. August Altenburg of Sowers Stage Kalispell
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NE 1/4 Sec. 15, T 27, R 21

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 Stockwater Irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. yr. 1900 continuously everyday
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 30 gal. per minute from each well
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 3 acres NE 1/4 NE 1/4 Sec 15 T 27 R 21 August Altenburg
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump as shown in diagram

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. yr 1900
- 8. The depth of water table. 31 ft.
- 9. So far as it may be available, the type, size and depth of such well or the general specifications of any other works for the withdrawal of groundwater.
 - 1 - 1 drone pipe 1 1/2" 3 1/2 ft. from top of ground
 - 2 - 1 open well 3 1/2 ft diam. 35 ft deep
 - 3 - 1 open well 3 1/2 ft. diam. 40 ft deep
- 10. The estimated amount of groundwater withdrawn each year. a million gal. from each well
- 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

Signature of Owner: August Altenburg
Date: Dec 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.

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