

13, 313

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS
Filed on the 6 day of May
A. D. 1966 at 10:20 Clock a.M.
SEM
County Clerk and Recorder
By SEM
Deputy

File No.

SW 4

T. R.

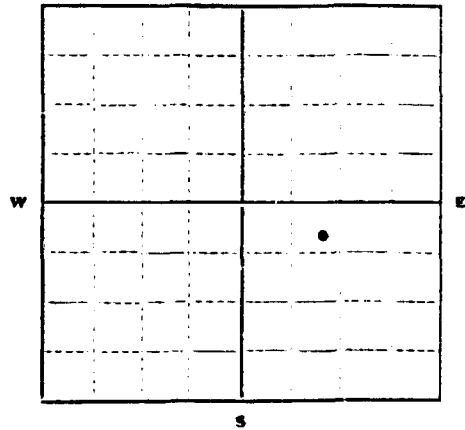
County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUND WATER CODE
OFFICE OF STATE ENGINEER

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

RECORDED
DEC 16 1963
STATE ENGINEER

I, Roy R. Johnston of Columbia Falls
(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:



NW 1/4 SE 1/4 Sec. 4 T29 R20

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 Household & irrigation
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1943. The household has been continuous, the irrigation is seasonal
- The amount of groundwater claimed (in miner's inches or gallons per minute) 250 gallons
- 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 five acres, and lies in the NW 1/4
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal A electric turbine pump, located on the NW 1/4, just south of home or house
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater I do not know as the well was completed, when, place was purchased
- The depth of water table Eight feet from ground surface
- 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, 7 inch casing & 85 feet deep
- The estimated amount of groundwater withdrawn each year About 100,000 per year
- The log of formations encountered in the drilling of each well if available Not available
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record I have no log records, pertaining to this well

Signature of Owner

Roy R. Johnston

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.

2527

9968

STATE OF MONTANA
COUNTY OF PLAINFIELD
Witness on the 9 day of Dec
A.D. 1963 at 12 o'clock P.M.
S.E.M.
County Clerk and Recorder
By M.J.
Deputy

File No.

GW 4

T. 29 R. 20
County Faith

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

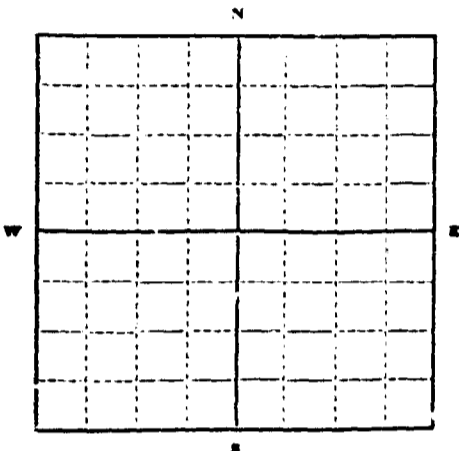
RECEIVED
JAN 8 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Charles F. Pankle of 575 Engstrom Dr. Russell
(Name of Appropriator) (Address) (Town)
County of Faith State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 4 T 29 R 20

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 water, irrigation of garden & lawn.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 1st 1942 continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 1/2 gallons 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 1 acre gardening lawn

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 12 horse power electric submersible pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept 1st 1942 finished Sept 1st 1942

8. The depth of water table 50 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 12 horse power 127 feet deep

10. The estimated amount of groundwater withdrawn each year 2000 gallons per year

11. The log of formations encountered in the drilling of each well if available 10 feet 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

Signature of Owner Charles F. Pankle

Date Dec 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.

22856

File No. _____

SW 4

T. _____ R. _____

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

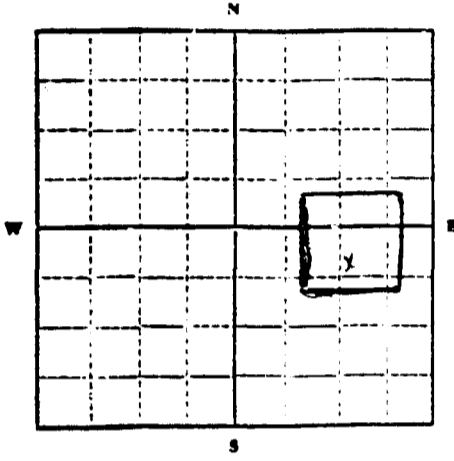
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 17 1963

STATE ENGINEER

1. Jesse E. Sparks of Rt. 1-A, Columbia Falls
(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:



N/4 SE 1/4 Sec. 4 T. 29N R. 20W

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

2. The beneficial use on which the claim is based. Domestic and irrigation of field and garden crops
3. Date or approximate date of earliest beneficial use, and how continuous the use has been. Used first in 1940 and continuously since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). Ten to twenty-five 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. Water used for irrigation of sandy loam soil for garden and field crops of one acre or more by owner Jesse E. Sparks.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Water withdrawn by electric centrifugal pump at well location indicated.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Commencement of well was in June 1940, also was repaired and enlarged in June 1947 and again in Aug. 1962 as completion date.
8. The depth of water table. Twelve to twenty 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. This is a drilled well with iron two inch casing set to a depth of seventy-six feet and later enlarged at top to fifty-four inches.
10. The estimated amount of groundwater withdrawn each year. Variable amount, 2 to 3 acre ft
11. The log of formations encountered in the drilling of each well, if available. Sandy loam top soil first five feet, forty-five feet white impervious clay, then twenty-six feet conglomerate lime rock, plus twenty-four feet loose boulders and gravel.
12. Such other information of a similar nature as may be used in determining the propriety of the appropriation. No other information on record that the appropriator has.

Jesse E. Sparks
Signature of Owner
Date Dec 14, 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.

10,011

RECEIVED
COUNTY CLERK
10 Dec 63
11:15 AM
587
County Clerk and Treasurer
M. J.
Deputy

GW. 2

File No.

DUPLICATE

T. 20 N. R. 20 W.

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)

STATE ENGINEER

Owner *L. J. Stefintil* Address *P.O. Box 74, Kalispell*

Driller *Homer McCarty* Address *945-8th Ave N, "*

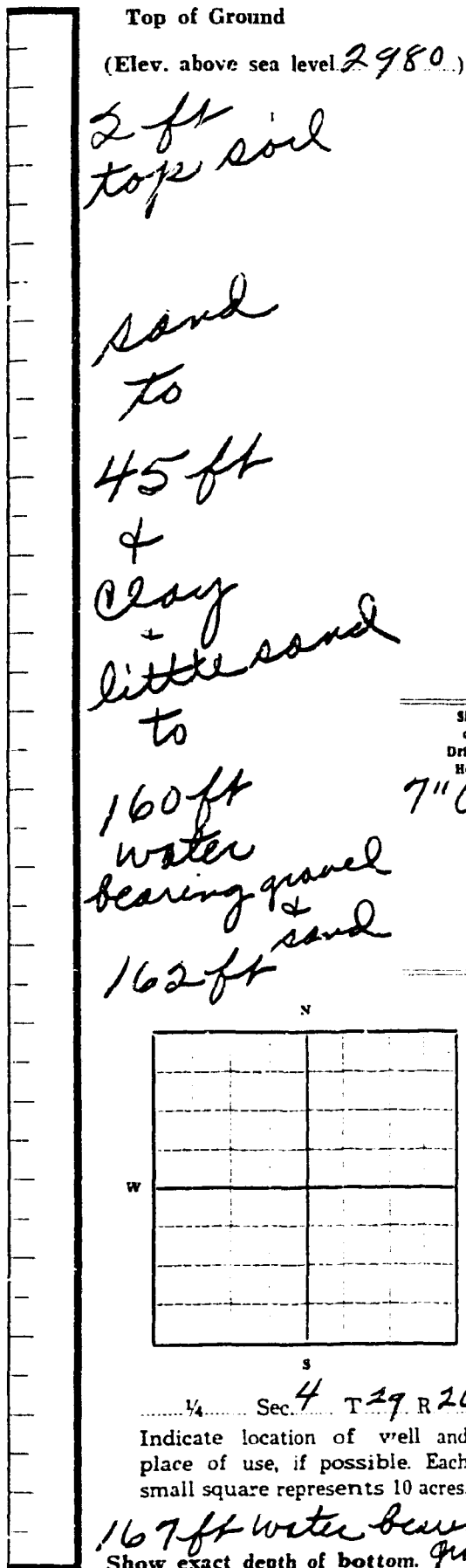
Date of Notice of Appropriation of Groundwater

Date well started *May 7, 1962* Date Completed *May 12/62*

Type of well *drilled* Equipment Used *2 1/4" Bucyrus*
(aug, driven, bored or (Churn, drill, rotary or
drilled) other) *Line*

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)	EXPLORATIONS		
				Kind Size	From (Feet)	To (Feet)
<i>7" O.D.</i>	<i>2 3/4"</i>		<i>167</i>			

Static Water Level for non-flowing Well... *54* feet.

Shut-in Pressure for Flowing Well

Pumping Water Level... *67* feet at *20* 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)

Sec. *4* T. *20* N. R. *20* W.

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

18
Driller's License Number
Homer M. 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.

9405

62 4 40 Sept
11 40
BEMU
m. 2.

File No.

GW 4

T. 21 N. 30 W. R. 10 E. 10

County Blaine

JAN 6 1964

STATE ENGINEER

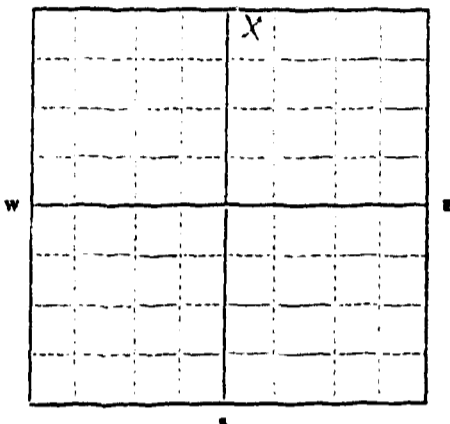
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Engen's Russell Vandewater of Col. Fide
(Name of Appropriator) (Address) (Town)

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



SW NE Sec. 4 T. 29 R. 20

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 Slough to Home
Home hold, garden, household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950
continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 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

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 1950

8. The depth of water table 120 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 6" pipe 120 ft deep

10. The estimated amount of groundwater withdrawn each year information not available

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

Signature of Owner Engen Vandewater

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 Geology and Geophysics; and Quadruplicate for the Appropriator.

11041

31 Dec
633²³
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224.

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

Owner Fred Winegar
 Address Columbia Falls mt. 59912
 Location T. 29N. R. 20W. Sec. 4
 Doc. No. 14580

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

Special Instructions: *Please provide the missing information as indicated in red on the attached form.*

Thank you.

Sent on 1/18/73

52,121

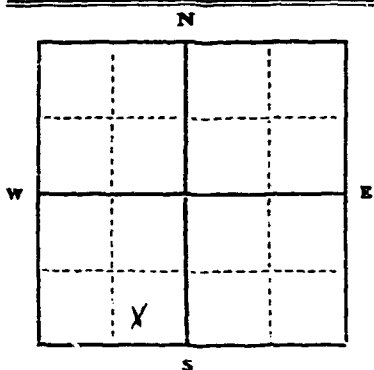
Water Use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other * Garden/Lawn

*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

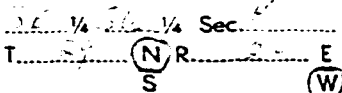
Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/8"	7" OD 23-lb.	0	192	none		



Static water levelft.*
 Pumping water levelft.*
 atgallons per minute,
 measuredminutes after pumping
 began.

*Measured from ground level.
 Well developed by
 forhours.

Power..... Pump..... 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 *By: George J. Justice*

Driller's Address *Columbia Falls Montana*

LICENSE NO. 55

192 Show exact depth of bottom

52,121

County Richmond

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

JAN 9 1973

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 Ira Winegar

Address Columbia Falls

Montana

Date well started July 13-71

completed July 21-71

Type of well Drilled

Equipment used Churn

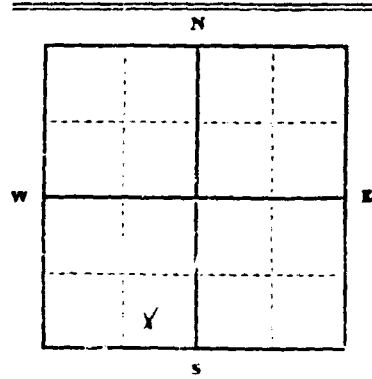
Water Use: Domestic Municipal Stock Irrigation

Industrial Drainage Other * Garden/Lawn

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
<u>6 3/8"</u>	<u>7" OD 33-lb.</u>	<u>0</u>	<u>192</u>	<u>None</u>		



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)

1/4 Sec.
T. 27 N. R. 27 E. S. 1 W.

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

Driller's Signature Ira Winegar

Driller's Address Columbia Falls Montana

LICENSE NO. 555

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
<u>0</u>	<u>42</u>	<u>Sandy silt</u>
<u>42</u>	<u>114</u>	<u>Gray silt</u>
<u>114</u>	<u>148</u>	<u>Gray hard pan</u>
<u>148</u>	<u>191</u>	<u>Brown hard pan completely gravel and seep water</u>
<u>191</u>	<u>192</u>	<u>Water bearing gravel and sand</u>

192 Show exact depth of bottom

14,586

STATE OF MONTANA)
COUNTY OF FLATHEAD) SS

Filed on the 29 day of Dec
A. D. 1972 at 1:30 o'clock P.M.

MJ
County Clerk and Recorder

By DSH
Deputy

File No.

GW 2

T. 29 R. 20W

County Beaumont

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 Leland V. Barta Address Box 103 Columbia Falls

Driller Lane Address Montana 59912

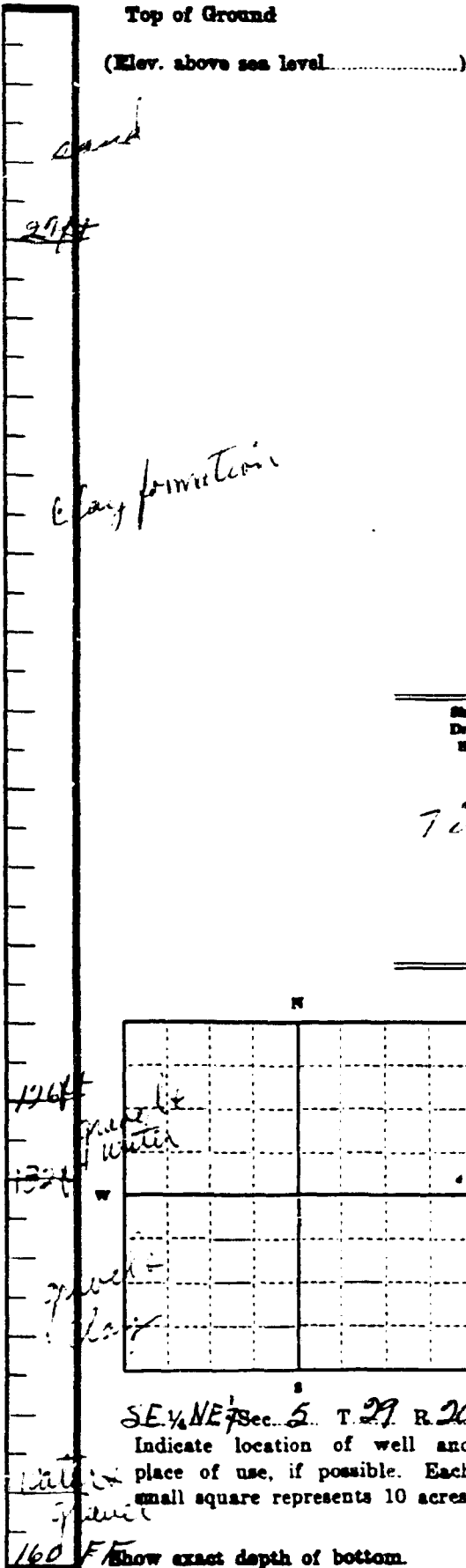
Date of Notice of Appropriation of Groundwater

Date well started March 5, 1967 Date Completed July 10, 1967

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 inch	7 inch 21 lbs. ft.	1	160	None	None	None

Static Water Level for non-flowing Well 110 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 110 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested baled + pumped length of Test 7 days

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

Leland V. Barta
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.

25, 1967

13,975

STATE OF MONTANA
COUNTY OF FLATHEAD
Filed on the 7 day of April
A. D. 1919 at 9 o'clock A. M.
[Signature] County Clerk and Recorder
By [Signature] Deputy

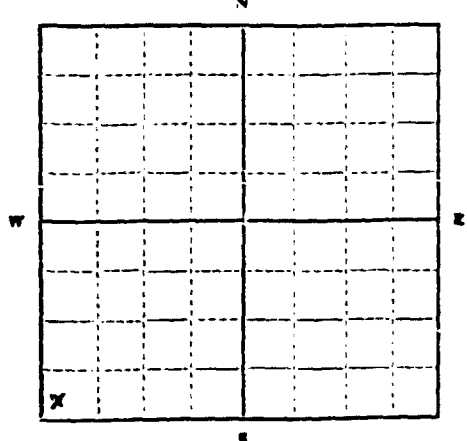
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Louis J. Blanchet of RR 1A Columbia Falls
(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:



Swp. 5.2 1/2 Sec. 5 T. 29 R. 20 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 household and stock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been
used year around every day
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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
not used for irrigation other than garden
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
by pump
- 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 10 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 4 ft square 17 ft deep
- 10. The estimated amount of groundwater withdrawn each year 365,000 gallons
- 11. The log of formations encountered in the drilling of each well if available quick sand bottom
- 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 ded recorded in book # 39 page 8 26

Signature of Owner Louis J. Blanchet
Date Dec 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.

10,176

DEPT. OF PUBLIC SAFETY
COUNTY OF HANFORD, CA

Filed on the 26th day of Dec
A. D. 1963 at 9th Court M

L. G. M.
County Clerk and Recorder

By JON Deputy

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: Gian Carpenter Address: Columbia Falls

Driller: Olson & Juster Address: Columbia Falls

Date of Notice of Appropriation of Groundwater: none filed

Date well started: July 25-68 Date Completed: July 26-68

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

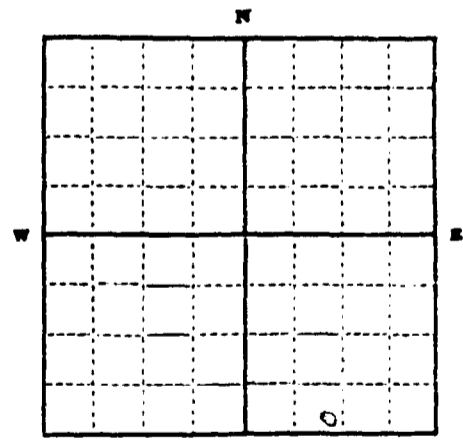
Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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.



Top of Ground
(Elev. above sea level.....)
0 to 98 ft Silt
98 to 123 ft
Gray hard pan
123 to 124 ft
Waterbearing
gravel and
sand.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 3/8"</u>	<u>23 lb. 7" O.D.</u>	<u>0</u>	<u>124</u>	<u>none</u>		



S. 1/4 Sec. 5 T. 29 R. 20
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: 6.8 feet.
Shut-in Pressure for Flowing Well: non-flowing
Pumping Water Level: 7.8 feet at 2.0 gal. per minute.
Discharge in gal. per min. of flowing well: non-flowing
How Tested: Bailer Length of Test: 1 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)

7155
Driller's License Number
By: Olson & Juster
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.

471027

13,844

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS

Filed on the 6 day of Aug
A. D. 1968 at 8⁰¹ o'clock A. M.

S.E.M.
County Clerk and Recorder

By M.J.
Deputy

GW

File No. _____

T. 2 S. 17 N. E. 7

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
Office Of State Engineer

County DEWEE

DUPLICATE

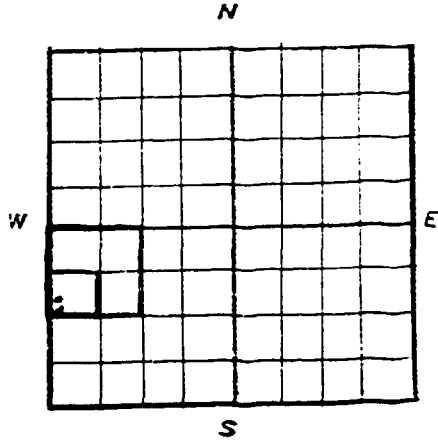
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chap. 237 Mont. Session Laws, 1961)

RECEIVED

STATE ENGINEER

1. WALTER L. CARPENTER, of 100 E. 1st St., DEWEE
name of appropriator address town
County of DEWEE State of MT

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



S 5 T 20 R 20 E

indicate point of appropriation & place of use. Each square indicates 10 Acres.

2. The beneficial use on which the claim is based Irrigation Stock raising Personal use (residence)

3. Date or approximate date of earliest beneficial use; and how continuous the use has been December 1948. Continuous since starting date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gallons per minute

5. If used for irrigation, give acreage and description of the lands to which water has been applied and name of the owner thereof 15 acres. S 5 T 20 R 20 E section 10 (5) Dewee Co., Montana.

6. The means of withdrawing such water from the ground and location of each well or other means of withdrawal Two wells (1) in Circle Spring section.

7. Date of commencement & completion of construction of well, wells, or other works for withdrawal of groundwater at well - summer 1947. at well - spring 1955.

8. Depth of Water Table at well - six feet from ground surface. at well nine feet from ground surface.

9. As it may be available, type, size, depth of each well or general specification of any other works for withdrawal of groundwater at wells. No grate surface. 35 in. dia. top. 1 foot high. 25 in. diameter. 15 foot deep. 25 in. diameter.

10. Estimated amount of groundwater withdrawn each year 100,000 gallons per year.

11. The log of formations encountered in drilling each well (if available) no log. See formation.

12. Other information useful in carrying out policy of this act, including Book & Page of any county record in County records.

Signature Walter L. Carpenter
(owner)

Date January 1, 1962.

3 copies to be filed by owner with clerk & recorder in county where well is located. Please answer all questions. If not applicable, so state.

Original to Co. Clerk & Recorder; Duplicate to State Engineer; Triplicate to School of Mines and Quadruplicate for the Appropriator.

9203

STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the 2 day of *Apr*
A. D. 1962 at 10³⁰ o'clock A.M.

N. E. M.
County Clerk and Recorder

By *DM*
Deputy

File No.

GW 2

T 29 N W 5
R 20 S

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 H. Lewis Address Rte 1-A Col. Falls

Driller _____ Address _____

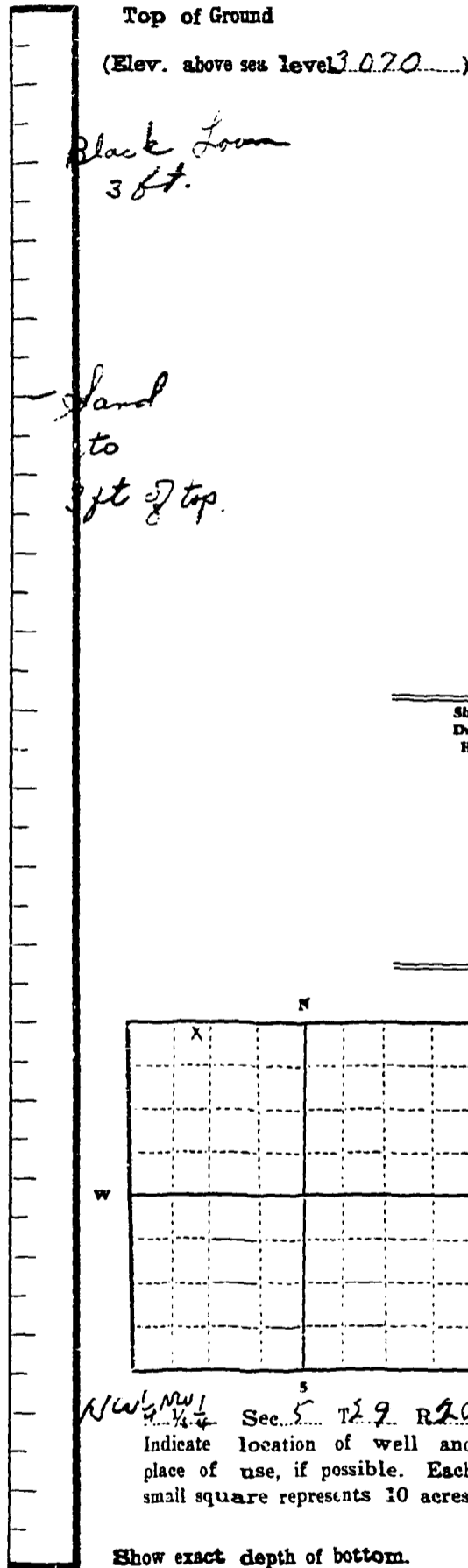
Date of Notice of Appropriation of Groundwater May 30, 1962

Date well started May 30, 1962 Date Completed May 30, 1962

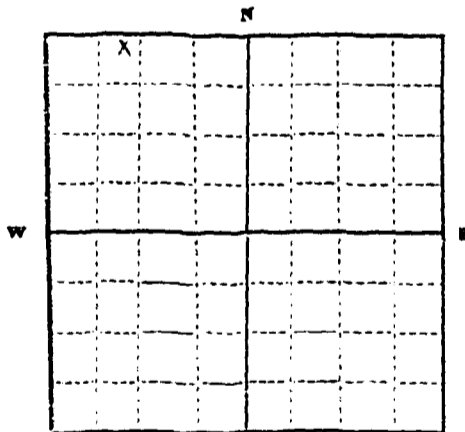
Type of well dug Equipment Used shovel
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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)
	<u>3 ft concrete tile</u>	<u>14.5</u>	<u>top</u>			



NW 1/4 Sec. 5 T 29 R 20
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

14 ft.

Static Water Level for non-flowing Well 6 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 14 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested 5 gal. can Length of Test 6 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)

1 1/2 acre irrigated for garden lawn

Driller's License Number _____

Driller's Signature _____

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

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.

22704

10526

STATE OF MISSISSIPPI
COUNTY OF HANTS

Filed on the 30 day of Dec
A. D. 1963 at 2:49 o'clock P. M.

Glenn E. Mulhouse
County Clerk and Recorder

By C. Keith
Deputy

File No. _____

354

T. 29 N. 20 W.
County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

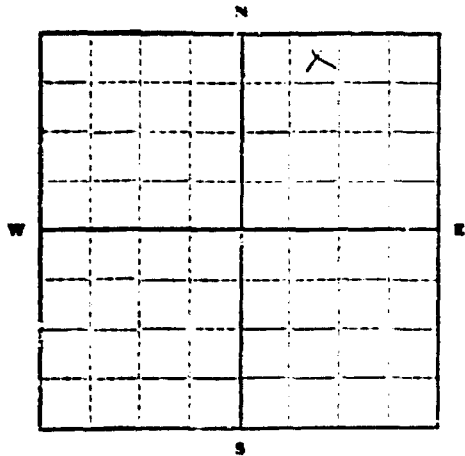
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Adolph J. Mutsch of Columbia Falls
(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:



Lot 2 Sec. 5 T. 29 R. 20
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. farm & household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1943 - continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute). unknown 5 gal a 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. electric 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. 63 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. drilled, 4 in pipe, 63 ft deep

10. The estimated amount of groundwater withdrawn each year. 100,000 gal

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. unknown

Signature of Owner Adolph J. Mutsch

Date 12/27/63

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

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

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

10,307

RECEIVED
COUNTY OF SAN DIEGO
On the 27th day of Dec.
A.D. 1963 at 2⁵¹ o'clock P.M.
J.E.M.
Deputy
J.J.H.
Deputy

File No.

GW 2

T. R.

County

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 Ronald Olson Address Columbia Falls

Driller Argyle Hendrickson Address Kalispell

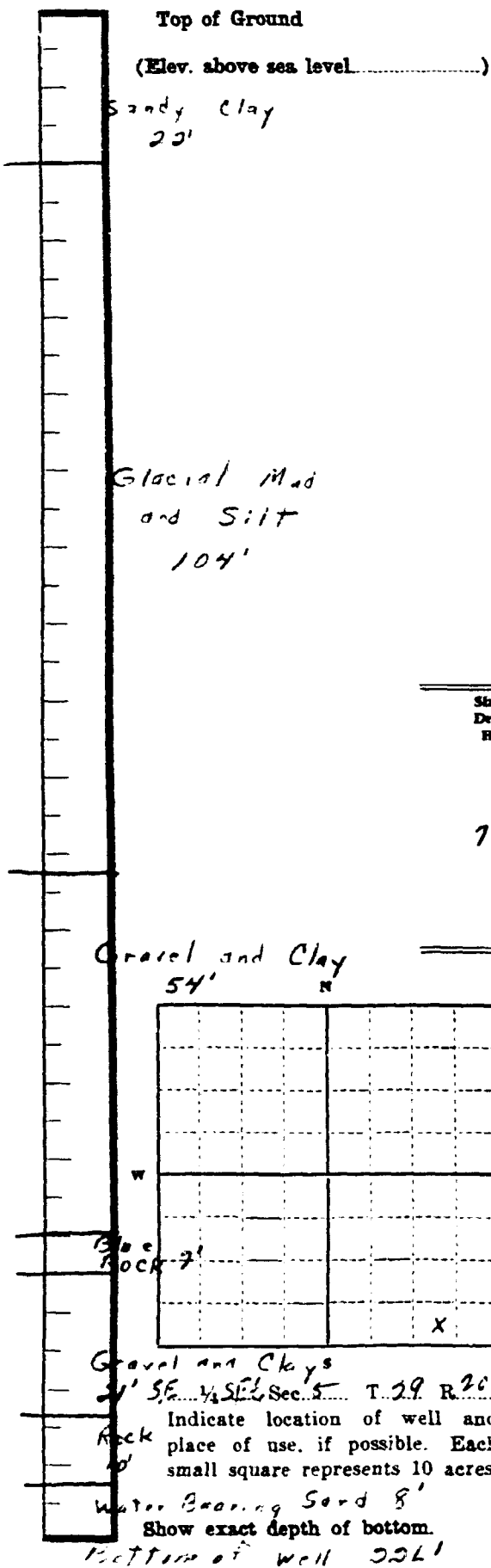
Date of Notice of Appropriation of Groundwater

Date well started Sept. 5, 1968 Date Completed Oct. 4, 1968

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)
1"	7" OD	0	226	X	X	X

Static Water Level for non-flowing Well 85 feet.

Shut-in Pressure for Flowing Well Not Applicable

Pumping Water Level 150 feet at 25 gal. per minute.

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

How Tested Galvan 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)

Commercial Seal

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.

45599

14054

STATE OF MONTANA
COUNTY OF FLEETHEAD
Filed on the 3 day of Sept
A. D. 1969 at 10:58 AM
County Clerk and Recorder
M. J.
Deputy

File No.

GW 2

T 29 N R 20 E

County Flourish

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 Jay F. Jemelle Address Columbia Falls, Mont.

Driller George J. Justus Address Columbia Falls, Mont.

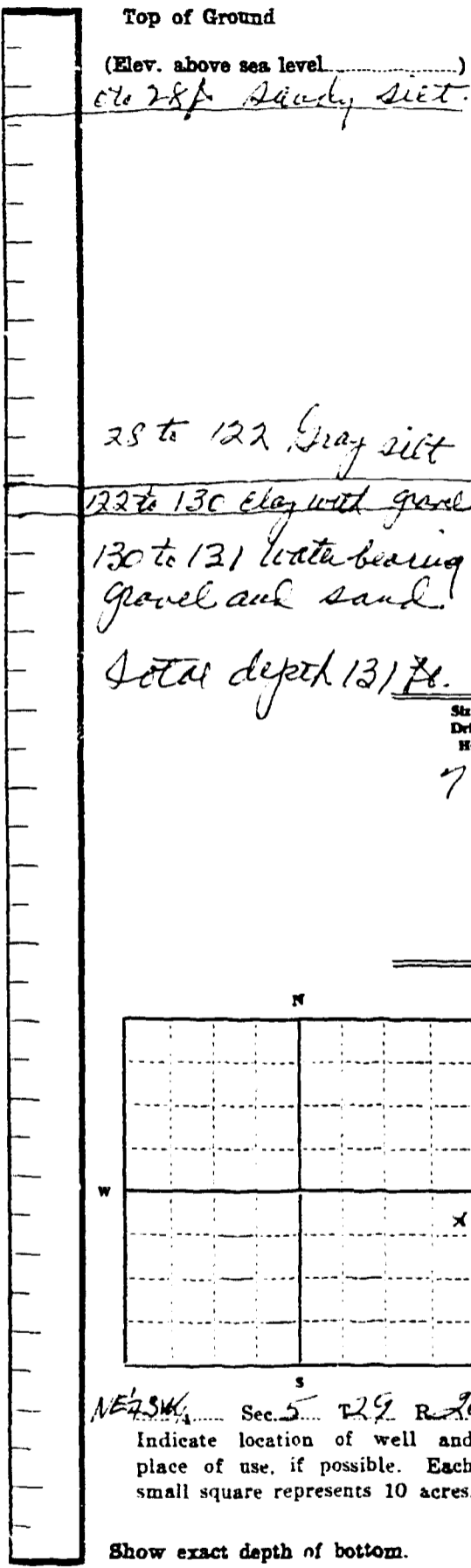
Date of Notice of Appropriation of Groundwater none filed

Date well started July 24 1963 Date Completed July 25 1963

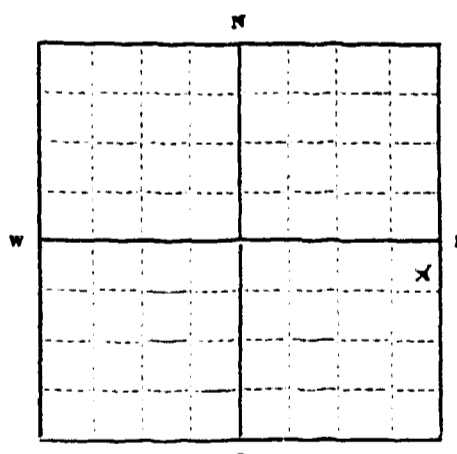
Type of well drilled Equipment Used Churn drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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)
7"	7" CD 23 lb pipe	0	131	none		



NE 2 SW 4 Sec. 5 T29 R20
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 72 feet.

Shut-in Pressure for Flowing Well non flowing

Pumping Water Level 75 feet at 15 gal. per minute.

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

How Tested Dieter 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)

2255
Driller's License Number
George J. Justus
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.

22585

10,406.

RECEIVED BY MAIL
COUNTY CLERK
FILED ON THE 30 day of Dec
A.D. 1965 at 11:03 o'clock P.M.
Ben
County Clerk and Registrar
By _____ Deputy

File No.

SW 4

T. SW R. SW
County Flathead

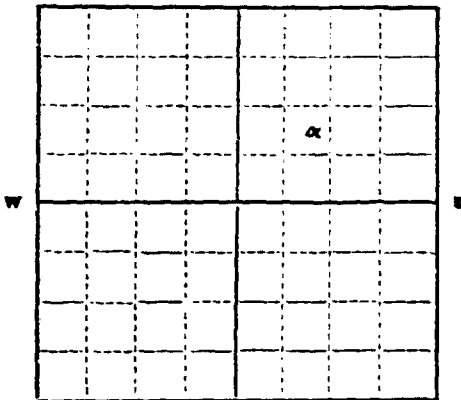
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
JAN 6 1964

STATE ENGINEER

1. James H. Peters and Edra E. Peters of Rte. 1-A Columbia, Flathead County, Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lat 01 NW 1/4 SE 1/4
S. 1/2 NE Sec 5 T. 29 N R. 20 W

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1940 - Daily

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. June - 1948

8. The depth of water table. 14 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. Aug. 4x4 feet - 30 feet Deep

10. The estimated amount of groundwater withdrawn each year. From 75,000 to 110,000 Gallon

11. The log of formations encountered in the drilling of each well if available. Sand - (Pink Sand) Gravel, Cement Gravel

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

Signature of Owner James H. Peters
Date Dec 27 - 1963
Edra E. Peters

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.

10,333

64

COUNTY OF ...
...
... the 27 day of Dec
A.D. 1863 at 4:37 o'clock P.M.
... J.E.M.
County Clerk and Recorder
By ... M.T.
Deputy

File No. _____

GW 4

T. 22N R. 20W

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

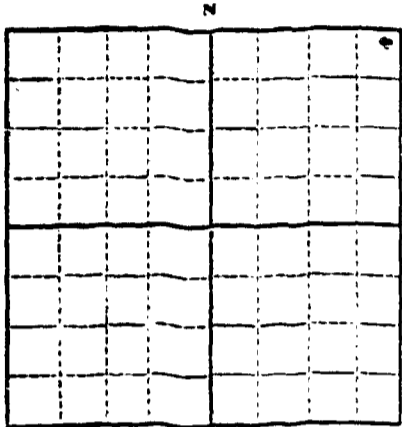
STATE ENGINEER

James H. Peters and Edra E. Peters

Rte. 1-A Columbia Falls, Montana

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:



Lot - (1) N.W. 1/4 S.E. 1/4
S.W. 1/4 NE Sec. 5 T29N R20W

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
Stock Watering, Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1953 - Daily
The use of well has been used daily, since day of completion

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Six 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
For watering garden and shade trees

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 10 - 1950 not completed July 1953

8. The depth of water table Ninety 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, 8 inch, Steel pipe, Depth 127 feet

10. The estimated amount of groundwater withdrawn each year About 90,000 Gallons or more

11. The log of formations encountered in the drilling of each well if available 27 feet and 91 feet clay and 6 foot cement gravel

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

Signature of Owner

James H. Peters

Date Dec 27 - 1963

Edra E. Peters

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.

10,332

27 Dec
63-436-56m
m.j.

File No.

GW:

T 274 R 201

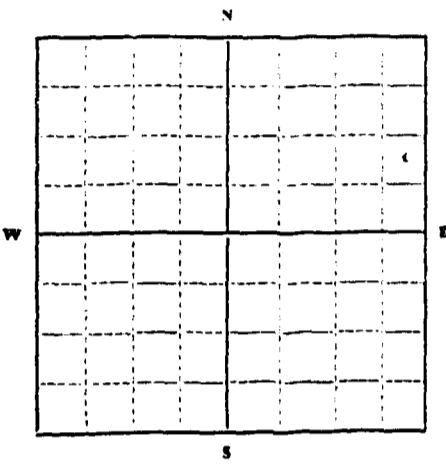
County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 6 1963

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

1. STEVEN SLACK JR. & MARTHA of RTA Columbia Falls
(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:



SE 1/4 NE Sec. 5 T274 R201

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 and garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1940
entire tract
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 450 gallons per day average
- 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
Electric pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1940
- 8. The depth of water table unknown
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 180 foot deep
concrete lining
- 10. The estimated amount of groundwater withdrawn each year 146,000 gallons
- 11. The log of formations encountered in the drilling of each well if available Not available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Not available

Signature of Owner Steven Slack Jr.

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.

9848

STATE OF MONTANA : SS
COUNTY OF FLATHEAD : SS
Filed on the 26 day of Aug
A. D. 1923 at 10¹⁵ o'clock A. M.
S E M
County Clerk and Recorder
By M. J. Deputy

FJe No. _____

GW 4

T 14 R W 5

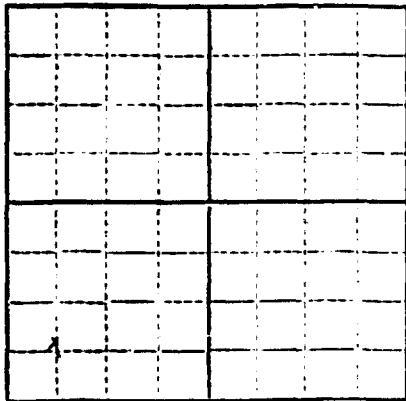
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Mrs. Mae Stryker of Route One & Columbia Falls
(Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



T 20 A

S 1/4 Sec 5 T 29 R 20

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 irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1955, steady use since that time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1200 gallons per hour

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof used for irrigation of one acre on which house is located, 2 tracts in S 1/4 & E 1/4 T-29 R-20, Mrs. Mae Stryker owned.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1955

8. The depth of water table 112 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 7 inch iron pipe 112 feet deep

10. The estimated amount of groundwater withdrawn each year unavailable for family use of 5 members

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

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 Mrs. Mae Stryker

Date December 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.

10581

30 Dec
62 353
Pan
S. H.

File No.

GW 4

T 29 R 30

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

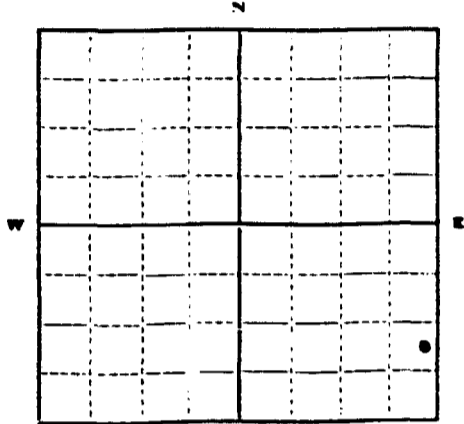
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ald. E. Townsend of Rte. 1-R-Columbia Falls, Montana
(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:

John R. Leuner



SE 1/4 SE 1/4

1/4 Sec. 5 T. 29 R. 30

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 Use-Stock Watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1942 Continuous

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 Garden sprinkling

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well on place when purchased (Approx. 1905)

8. The depth of water table 30 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Concrete 16" casing

10. The estimated amount of groundwater withdrawn each year 2,376,000 gallons per year

11. The log of formations encountered in the drilling of each well if available No log available. Sand-Clay

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

Signature of Owner Ald. E. Townsend

Date December 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.

26704

1116

2
150
L C M
DH

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 Billy J. Crow

Address 937 6th St W

Helena, Montana

Date well started 11-4-71

completed 11-9-71

For Administrator's Use	
File	<u>14,362</u>
	<u>Helena 1, 1971</u>
	<u>4-5-60</u>
GW 1	

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

Equipment used drill (Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

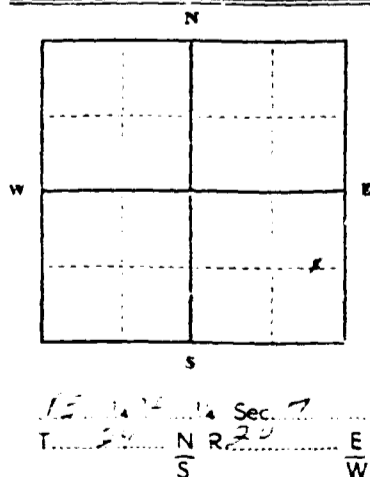
Industrial Drainage Other * Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 300,000 gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>7 1/2</u>	<u>6 3/8, 200 lbs 11</u>	<u>0</u>	<u>140</u>			



Static water level 95 ft.*
Pumping water level 75 ft.*
at 30 gallons per minute,
measured 30 minutes after pumping
began.

*Measured from ground level.

Well developed by driller
for 4 hours.

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

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

See bottom

See bottom

See bottom

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

Driller's Signature James W. Welsch

Driller's Address 1000 N. 1st St. Helena, Mont.

LICENSE NO. 111

291-200-7
County Flathead
256-6011

DRILLER'S LOG

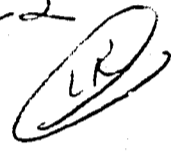
Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level) 3,000

From (Feet)	To (Feet)	
<u>0</u>	<u>2</u>	<u>top soil</u>
<u>2</u>	<u>25</u>	<u>Brown sand</u>
<u>25</u>	<u>35</u>	<u>fine sand water</u>
<u>35</u>	<u>126</u>	<u>heavy clay clay</u>
<u>126</u>	<u>130</u>	<u>clay, pebbles boulders</u>
<u>130</u>	<u>140</u>	<u>fine coarse gravel</u>
		<u>water level</u>

Show exact depth of bottom

14,362

Called
C.S.R. 

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 1 day of NOV
A.D. 1971 at 4 o'clock PM

County Clerk and Recorder

By JEM JH.
Deputy

File No.

GW #

T. No.

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

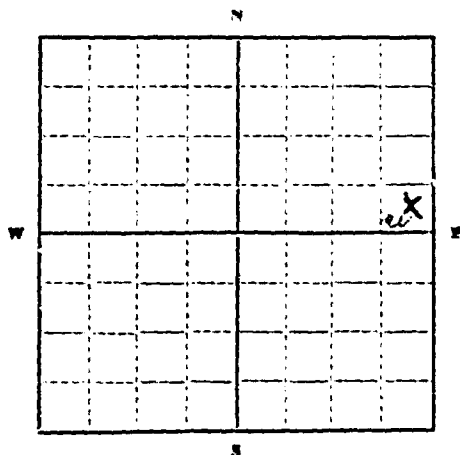
RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, James W. Smith of Bozeman Mont.
(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:



SE 1/4 Sec 7 T29 R19

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
2732 1/2 East

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

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

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.

1-1-25

10,051

WITNESSED as
and on the 18 day of Dec
A.D. 19 63 at 2:30 Clock P.M.

~~_____~~ *G. M.*
County Clerk and Recorder

By *FP*
Deputy

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 Robert H. Johnson and
Barbara C.

Address Box 342, Box B, Hills

Mont. 59012

Date well started 12-15-73

completed 2-23-75

For Administrator's Use
File 14,630
MARCH 7, 1975
GW 1 10:19 H.P.

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

Equipment used Compa
(Churn drill, rotary or other)

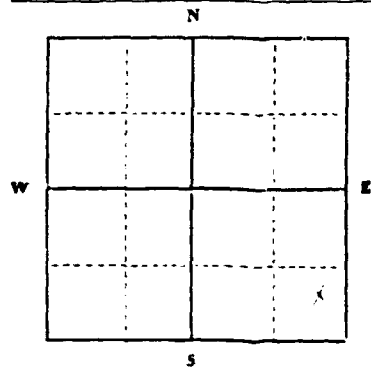
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Garden/Lawn

*Describe Soil and seed beds for tree farm.

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

ESTIMATED ANNUAL WITHDRAWAL 200,000 gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I.D.	1 1/8" x 280 wall	0	100			



Static water level 25 ft.*
Pumping water level 95 ft.*
at 30 gallons per minute,
measured 1 minutes after pumping
began.

*Measured from ground level.
Well developed by 10 hours.

Power 10 Pump 10 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

1017" total casing

25 1/2 Sec 7
T. 27 N. 2 E
S W

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

Driller's Signature [Signature]

Driller's Address [Address]

LICENSE NO. 14630

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) 2,957

From (Feet)	To (Feet)	Character
0	0	Top Soil
0	30	Brown Sand - Boulder
30	60	Brown Sandy Clay
60	120	Grey Clay
120	135	Grey Clay & Pebbles
135	140	Grey Clay - boulders
140	142	Cemented brown clay
142	143	Gravel
143	144	Gravel
144	145	Gravel
145	146	Gravel
146	147	Gravel
147	148	Gravel
148	149	Gravel
149	150	Gravel
150	151	Gravel
151	152	Gravel
152	153	Gravel
153	154	Gravel
154	155	Gravel
155	156	Gravel
156	157	Gravel
157	158	Gravel
158	159	Gravel
159	160	Gravel
160	161	Gravel
161	162	Gravel
162	163	Gravel
163	164	Gravel
164	165	Gravel
165	166	Gravel
166	167	Gravel
167	168	Gravel
168	169	Gravel
169	170	Gravel
170	171	Gravel
171	172	Gravel
172	173	Gravel
173	174	Gravel
174	175	Gravel
175	176	Gravel
176	177	Gravel
177	178	Gravel
178	179	Gravel
179	180	Gravel
180	181	Gravel
181	182	Gravel
182	183	Gravel
183	184	Gravel
184	185	Gravel
185	186	Gravel
186	187	Gravel
187	188	Gravel
188	189	Gravel
189	190	Gravel
190	191	Gravel
191	192	Gravel
192	193	Gravel
193	194	Gravel
194	195	Gravel
195	196	Gravel
196	197	Gravel
197	198	Gravel
198	199	Gravel
199	200	Gravel

Used explosive to clear boulders at 137' to 142'
Drilled thru a 3' rock at 137'

Show exact depth of bottom

14,630

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 7 day of Mar
A. D. 1972 at 10:15 o'clock AM

MI
County Clerk and Recorder

By DA
Deputy

File No.

GW 4

T. ^N 29 R. 20
County Florence

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

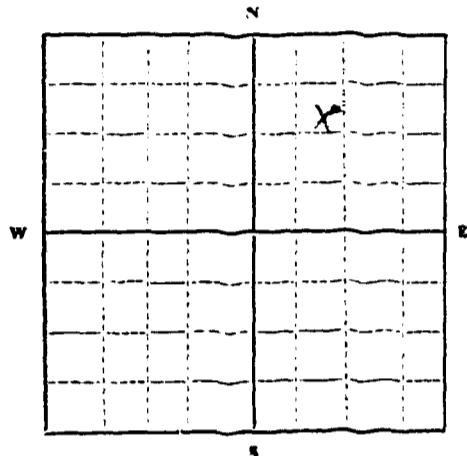
RECEIVED
JAN 8 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Robert E. Conell of Route # 17 Columbia Falls Mont.
(Name of Appropriator) (Address) (Town)
County of Florence State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW ^{NE} 1/4 Sec. 8 T. 29 R. 20

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

2. The beneficial use on which the claim is based. irrigation, stock & domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1953

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 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 one acre lawn & garden

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1953

8. The depth of water table. approx. 45 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. drilled 6" hole - 104 ft.

10. The estimated amount of groundwater withdrawn each year. 78,000 gallons

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 Robert E. Conell
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.

22642

1043

THE STATE OF TEXAS
COUNTY OF [unclear] SS
Filed on the 30 day of Dec
A.D. 1963 at 1:39 o'clock P.M.
Glenn E. Millham
County Clerk and Recorder
By: [Signature] Deputy

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 Joseph P. Penhale
Address Alt. 19 Coy Falls
Montana
Date well started May 21-73
completed May 30-73
Type of well Drilled
Equipment used Churn
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

For Administrator's Use	
File	<u>14721</u>
Date	<u>MAY 25, 1973</u>
GW I	<u>1032113</u>

DRILLER'S LOG

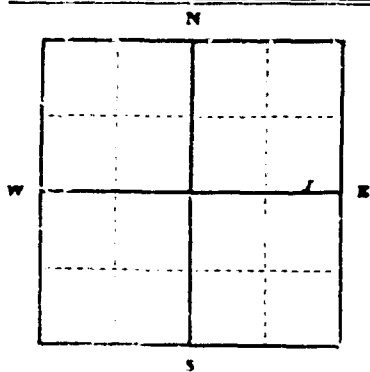
Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0	14	Sandy silt
14	48	Gray silt
48	163	Clay with some gravel
163	171	Gravel sand and water

*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 3/8"	7" 00 23 lb	0	171	None		



Static water level 100 ft.*
Pumping water level 140 ft.*
at 14 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by washing
for 3 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Section Sec.
T. N. R. E.
S. W.

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

Driller's Signature George G. Justice
Driller's Address Columbia Falls, Mont.

LICENSE NO. 55

171 Show exact depth of bottom

17.7284

STATE OF MONTANA } SS
COUNTY OF FLATHEAD

Filed on the 25 day of June
A. D. 1973 at 10:30 o'clock A. M

M J
County Clerk and Recorder

By SDF
Deputy

T 29N R 20W

File No.

County Flathead

QUADRUPPLICATE

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 38 Sand by silt.

38 to 93 ft Silt

93 to 148 ft Hard pan.

148 to 140 ft

Sand & gravel, water

Owner: Jack C. LaLor Address: Col. Falls, Mont

Driller: O'Brien & Jester Address: " " "

Date of Notice of Appropriation of Groundwater: None filed

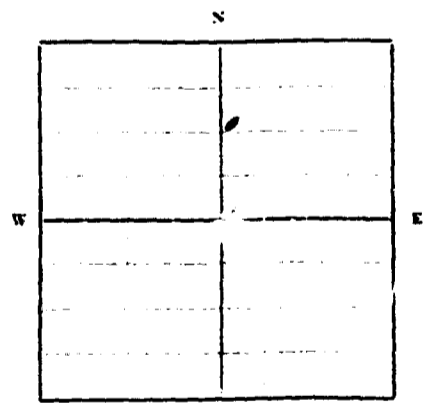
Date well started: Dec 2-65 Date Completed: Dec 6-65

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" CD 23 lbs per ft	0	149	None		



N.W. 1/4, NE 1/4, Sec. 8 T29N R20W

Indicate location of well and place of use, if possible. Each small square represents 1/4 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well: 87 feet.

Shut-in Pressure for Flowing Well: None flowing

Pumping Water Level: 117 feet at 9 gal. per minute.

Discharge in gal. per min. of flowing well: None 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)

701 55
Driller's License Number
O'Brien & Jester
George J. Jester
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.

40805

11,984

35
66 31 Jan
10 10
SEM
m.2.

County Golden

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 John J. Zimmerman Address Columbia Falls

Driller James McElvety Address 945 8th St. N.

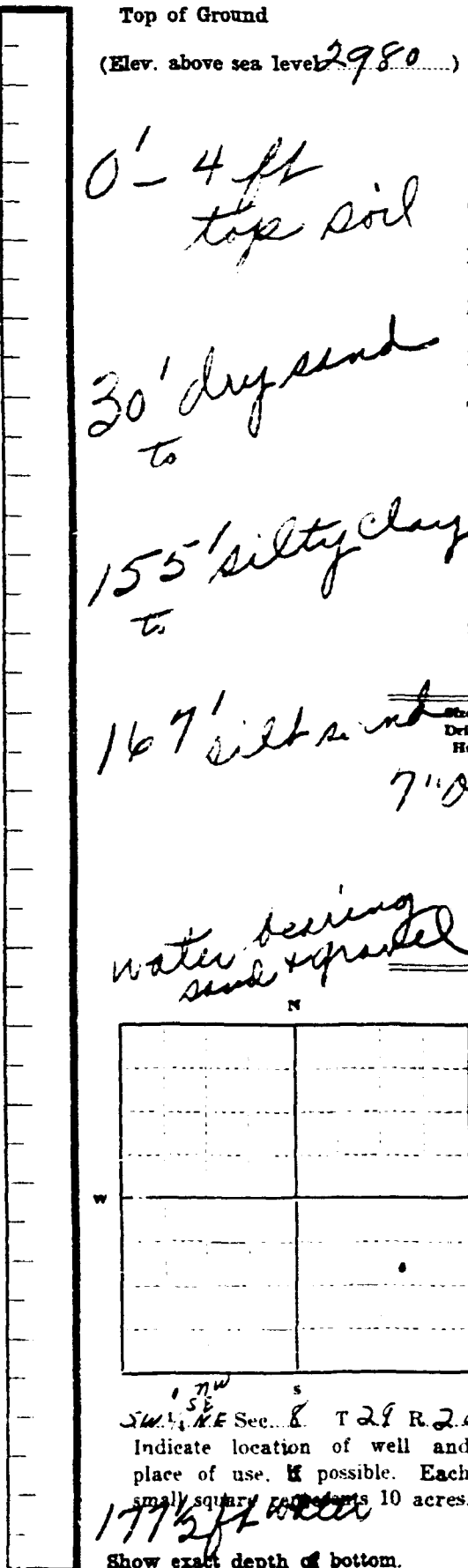
Date of Notice of Appropriation of Groundwater _____

Date well started June 10, 1964 Date Completed June 17, 1964

Type of well Drilled Equipment Used 2 1/2" 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 Size	From (Feet)	To (Feet)
7" O.D.	2 3/4"		177 1/2 ft			

Static Water Level for non-flowing Well... 80 feet.

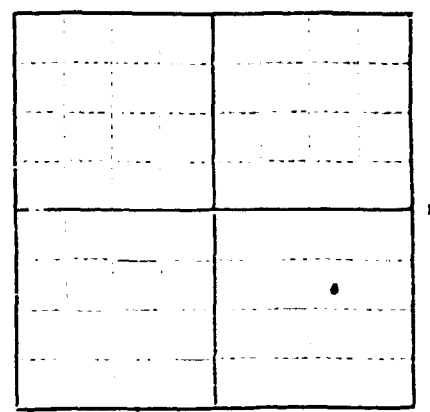
Shut-in Pressure for Flowing Well... _____

Pumping Water Level... 120 feet at 16 gal. per minute.

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

How Tested Bailer Length of Test... 2 hrs

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



SW 1/4 NE Sec. 8 T 28 R 20
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

18
 Driller's License Number
James McElvety
 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.

11508

STATE OF NEW YORK
COUNTY OF FLAMINGO, SS
Filed on the 20 day of Aug
A. D. 1944 at 2 o'clock P.M.
J. M.
County Clerk and Recorder
By J. M.
Deputy

File No.

GW 4

T. N R. W

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

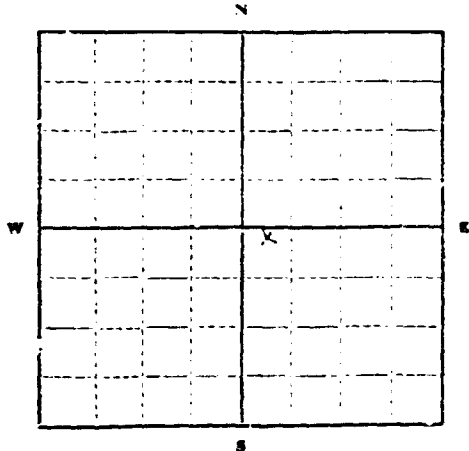
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Burton Carlson of Columbia Falls
(Name of Appropriator) (Address) (Town)

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



NW 1/4 1/2 SE 1/4 Sec. 9 T29 R20

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 supply for timber strip

3. Date or approximate date of earliest beneficial use, and how continuous the use has been. Since 1958. It has been continuous and uninterrupted since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). at pump capacity and location have

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. Electric pump at site in timber strip.

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

8. The depth of water table. 14 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. 14 foot deep 2 1/2 inch diameter

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

11. The log of formations encountered in the drilling of each well if available. Water 4-6 feet

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 Burton Carlson

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.

26727

1066

1066
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1066



31 Dec
63 841 6
2811
294

File No.

GW 4

T. 29 N R. 20 W

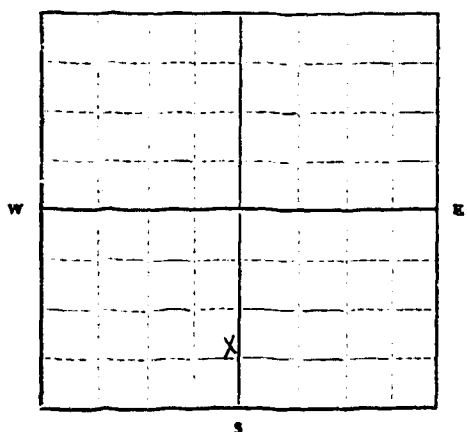
County Fleethad

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 17 1963

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

1. Jerry Cigliana of RT. 1A Columbia Falls
(Name of Appropriator) (Address) (Town)
County of Fleethad State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SW 1/4 Sec. 9 T. 29 R. 20
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
- 3. Date or approximate date of earliest beneficial use and how continuous the use has been. Sept. 1960, in use continuously every day
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 40 gal
- 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. Electric Water Pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. April 1959, Completed Aug. 1960
- 8. The depth of water table. 18 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. 4" casing, 119 ft Deep
- 10. The estimated amount of groundwater withdrawn each year. 25000 gal
- 11. The log of formations encountered in the drilling of each well if available. Sand & clay to 115 ft, 4 ft. Hard Pan
- 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 Jerry Cigliana
Date 12-9-63

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.

9512

9981

STATE OF MONTANA) SS
COUNTY OF FLATHEAD)

Filed on the 10 day of Dec
A.D. 1963 at 12 o'clock P.M.

J.E.M.
County Clerk and Recorder

By *L.S.* Deputy

File No.

GW 4

T. 29 N. 20

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

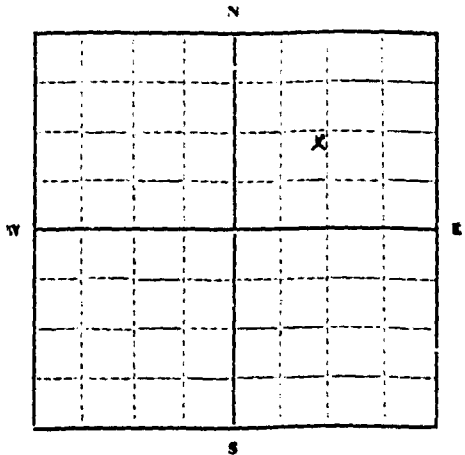
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Theodore R. Craft of Columbia Falls MT 17
(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:



SW 1/4 Sec. 9 T. 29 R. 20

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

2. The beneficial use on which the claim is based Household Lawn & Garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been AUGUST 1958 Household use year around Lawn & Garden 27 Summer June July & August

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lawn & Garden 1/3 A.C.M.

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. Bought property in 1958 well drilled 1953

8. The depth of water table 60 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 8" Iron pipe drilled 100 FT deep

10. The estimated amount of groundwater withdrawn each year 36,000 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

X
Signature of Owner Theodore R. Craft

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.

10512

John New
63-534
Allen E. Millhouse
Keith