

MONTANA WATER RESOURCES BOARD
Water Resources Division
Mitchell Building
Helena, Montana 59601

MONTANA WATER RESOURCES BOARD
RECEIVED

DEC 7 1970

Recently a copy of a groundwater appropriation form,

- GW 1, Notice of Appropriation of Groundwater
- GW 2, Notice of Completion of Groundwater Appropriation by means of Well
- GW 3, Notice of Completion of Groundwater Appropriation without Well
- GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner Kenneth Kane Address Florence, Montana

Location T. 11 R. 20 Sec. 26 Document No. 296496

This is to inform you that your GW form has been received and is complete as filed.

This is a request for additional information if available. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please provide the estimated annual withdrawal in gallons per year and also indicate the location of the well by township, range, and section number on the enclosed form.

Other.

Water Resources Board

Not possible to give annual withdrawal until installation of pump & dist system.

File No. _____

T. 11 N. R. 20 Sec 26

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER—CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 12 1964

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 2' Top soil

2' to 14' Sand, heavy clay & gravel

14' to 34' Sand & clay

34' to 36' Silty sand, gravel & water

36' to 55' Clean sand, gravel & water

Owner Kenneth Kane Address Florence, Montana

Driller Glenn Camp 705 Alder Address Missoula, Montana

Date of Notice of Appropriation of Groundwater _____

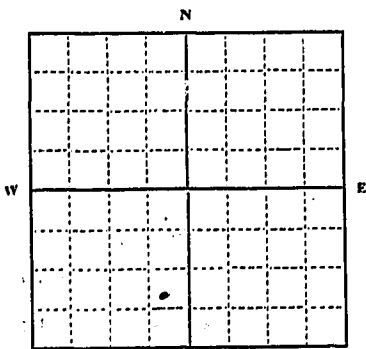
Date well started 7/25 Date Completed 7/25/64

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 18.97 # to feet	1' above G.L.	to 56'-4"	None		



SE 1/4 SW 1/4 Sec. 36, T11N, R20W
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 16 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 22 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailer Length of Test 1 1/2 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) _____

License # 7
Driller's License Number

Glenn Camp
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.

38373

132

224873

I received and filed this instrument for
 record on the 2 day of Aug 1964
 at 9:30 o'clock A.M. permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Veramca B. Crouse, County Recorder
 By J. D. Killings Deputy
 Fee 5.00 Paid

Missoula, Montana, 1964, August 2nd, 1964

1964

File No.

T. 11N R. 20 W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 13 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Howard Raser purchased this land in the year of 1948, and has used this water since that time. Former owners used the water before the year of 1948.

Date of Appropriation of Groundwater 1948

Owner Howard Raser Address Missoula, Montana

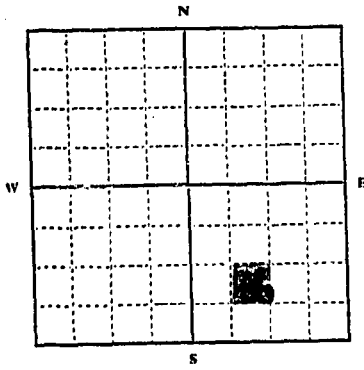
Contractor (if any) Doesn't Apply

Address of Contractor Doesn't Apply

Date Started Doesn't Apply Date Completed Doesn't Apply

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Water rises to ground, and also the entire parcel of land sub-irrigates from water within two feet of surface, especially in the Spring Season. The Natural Spring rises to the surface the year around.

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. Water from the Spring is used for Livestock Water purpose and for irrigating year around. At least 2500 gallons per day comes from this spring.



SE 1/4 Sec 26 T. 11. R. 20

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

Total land owned is 93 Acres, more or less.

Signature of Owner Howard Raser

Date January 17, 1964

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 Quadruplicate for the Appropriator.

1271

21600

Copy

I received and filed this instrument for record on the 21 day of Jan, 1969 at 1:24 o'clock P. M. permanent files of Missoula County, State of Montana

Witness my hand:
 MARTIN S. BEHNER, County Recorder
 By Paul Lane, Deputy
 Fee \$ 2.50 Paid

(7)

MISSOULA COUNTY RECORDERS OFFICE
 1100 1/2 N. 10TH ST. MISSOULA, MONTANA 59801
 PHONE 544-1111

File No. _____

T. 11N R. 20W 26

DUPLICATE

County Missoula

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 18 1965

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

(Under Chapter 237, Montana Session Laws, 1961)

Virginia &

Owner Laland R. Rusak Address Missoula, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

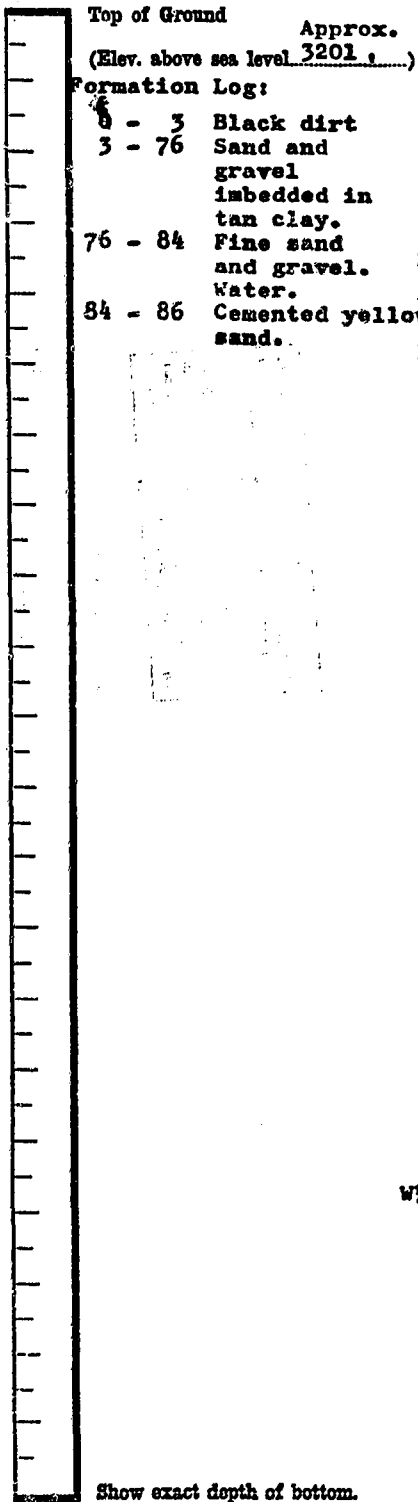
Date of Notice of appropriation of groundwater None-filed

Date well started 2/19/65 Date completed 2/24/65

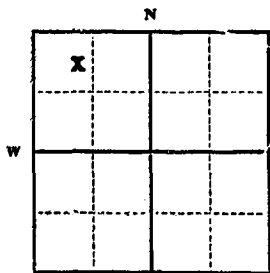
Type of well Drilled Equipment used Cable Tools
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8 OD x 1/4 inch 5 1/2 inch OD	+1	77	5/16" x 1/4" x 2 1/4"	75	86



Static Water Level for non-flowing well 52 feet.

Shut-in Pressure for Flowing Well None

Pumping Water Level 71 feet at 47 gal. per minute.

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

How Tested Air Lift Pump

Length of Test Four hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water is entering well through slots in shop made screen.

W 1/4 NW Sec. 26, T11N R20W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

Bottom of hole 86'

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

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

Driller's License Number

William F. Osborne
Driller's Signature

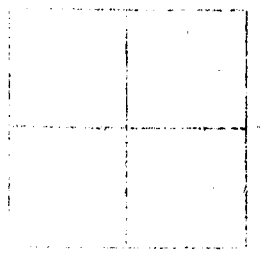
39232

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237966

I received and filed this instrument for record on the 16 day of June 1965 at 11:30 o'clock A.M. permanent files of Missoula County, State of Montana

Witness my hand:
 Thomas R. Cross County Recorder
 By *Thomas R. Cross* Deputy
 Fee \$ 2.00 Paid Cash



RECEIVED

Missoula County Recorder's Office
 100 N. 1st St. Missoula, MT 59802

File No. _____

T. 11 N R 20 W

DUPLICATE

MAR 9 1970

County Missoula

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

**Notice of Completion of Groundwater
Appropriation by Means of Well**
DEVELOPED AFTER JANUARY 1, 1963

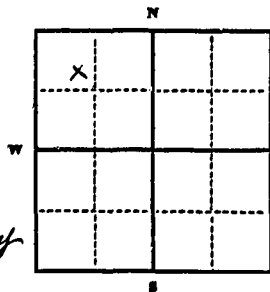
(Under Chapter 237 Montana Session Laws, 1961, as amended)

	Top of Ground
	(Elev. above sea level _____)
0L	tan clay, sand & gravel
41'	sand, gravel & water
44'	tan clay, sand & gravel
47'	sand, gravel & water
50'	tan clay, silt, sand & gravel
61'	heaving sand, silt & water
115'	tan clay, sand & gravel
114'	sand, gravel & water

Owner DON WOLD Address _____
 Driller KEN WILLIAMS Well No. DR. Address. 1558 So. 5th W.
MISSOULA, MONT.
 Date of Notice of appropriation of groundwater _____
 Date well started JAN. 27, 1970 Date completed JAN. 29, 1970
 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" ID	6-5/8" OD 17 lbs. 1/4" side-wall	Ground level	115'			



Static Water Level for non-flowing well 54 feet.
 Shut-in Pressure for Flowing Well
 Pumping Water Level 90 feet
 at 40 gal. per minute.
 Discharge in gal. per min. of flowing well
 How Tested sub-test pump
 Length of Test 2 hrs.
 Remarks: (Gravel packing, cementing, packers, type of shutoff)
More particularly described on reverse side

Doc. No. 289183
 Filed for record this 5 day of February
 A. D. 19 70, at 2:30
 o'clock PM.

W/SNW/4 Sec. 26 T. 11 N. R. 20 W.
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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

Show exact depth of bottom.

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

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

Driller's License Number

Ken Williams
 Driller's Signature.

46258

STATE OF MONTANA
ADMINISTRATOR OF GOVERNMENT CODE

101

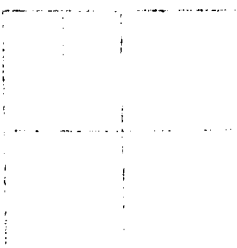
Well is located on a tract of land located in the W/4NW/4 of Section 26,
Township 11 North, Range 20 West, Principal Meridian, Montana, and more
particularly described as follows: Beginning at a point on an existing
wire fence which point is East 1321.88 feet and North 0°57' West, 1988.13
feet from the West quarter section corner of said Section 26; thence
South 89°54' West, 496.71 feet; thence North 0°57' West, 219.14 feet;
thence North 89°53'20" East, 496.71 feet; thence South 0°57' East along
an existing wire fence, 219.24 feet to the point of beginning.

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I searched and find the instrument to
be correct and filed for record in the
office of the Clerk of the District Court
of Missoula County, State of Montana
Witness my hand
At Missoula, Montana, this 1st day of
August, 1911
Clerk of the District Court

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File No. _____

RECEIVED

T. 11N R. 20W

DUPLICATE

County Missoula

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground _____
Approx (Elev. above sea level 3180')

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Formations Log:

- 0 - 3 Topsoil.
- 3 - 17 Decomposed granitic sand & broken rock.
- 17 - 41 Gray sand & clay.
- 41 - 49 Silty brown sand. Some clay.
- 49 - 76 Light tan sandy clay.
- 76 - 94 Light brown silty sand & clay. Seeps of dirty water.
- 94 - 102 Dark brown silty sand. Seeps of water.
- 102 - 107 Red to brown clay & sand.
- 107 - 112 Gray & white sand & gravel. Some clay. Water.
- 112 - 116 Light brown sand & clay.
- 116 - 124 Gravel mixed in brown to black clay.
- 124 - 132 Blue clay. Some gravel.
- 132 - 134 Blue clay mixed in gravel.

Owner Cecil Beagley Address Florence, Montana

Driller Liberty Drilling Co Address Missoula, Montana

Date of Notice of appropriation of groundwater None Filed

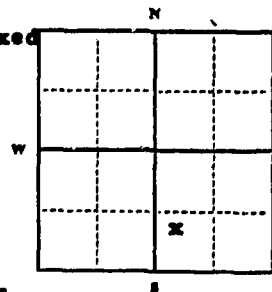
Date well started 5/17/67 Date completed 6/5/67

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" x 3/4"	+1'6"	108	A 100/1000 slot size wire wound six inch Johnson Water Well Screen	107	112
				A tailpipe with solid closed bottom	112	134



Static Water Level for non-flowing well _____ 39 feet.

Shut-in Pressure for Flowing Well None

Pumping Water Level _____ 100 feet
at _____ 6 gal. per minute.

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

How Tested Pump Test

Length of Test 72 Hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well is coming through the slot openings in the Johnson Well Screen

Water rises in the well 39 feet from surface.

SW 1/4, Sec. 27, T. 11 N. R. 20.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

Bottom of hole 134'

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

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

52
Driller's License Number

William E. Colburn
Driller's Signature.

51

265358

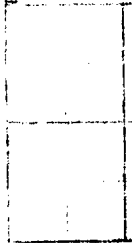
I received and filed this instrument for record on the 1st day of Nov. 1947 at 12:20 o'clock P.M. permanent files of Missoula County, State of Montana

Witness my hand:

Vernon R. C. Case, County Recorder

By Mary A. Halpin, Deputy

Fee \$ 2.00 cash paid



MISSOULA COUNTY RECORDER
 MISSOULA, MONTANA

2299

318633

I received and filed this instrument for
 record on the 27 day of June 1922
 at 11:00 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Verance R. Croug, County Recorder
 By *[Signature]* Deputy
 Fee \$ *2.00* Paid

MISSOULA COUNTY RECORDER
 COUNTY OF MISSOULA, MONTANA
 MISSOULA, MONTANA

CLASSIFICATION	DATE	RECORD	INDEX	FILE
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Faint background text and lines, possibly representing a map or a large document area that is mostly illegible due to fading and low contrast.

File No.

T. 1st R. 20th

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

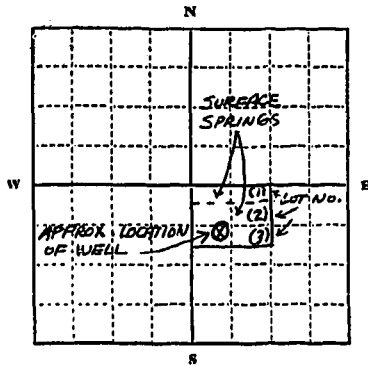
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

1. LOREN O. DOLLAN & JACK M. DOLLAN, of 2521 GILBERT MISSOULA
(Name of Appropriator) (Address) (Town)

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



2. The beneficial use on which the claim is based FOR FUTURE
HOUSEHOLD USE AND GROUND WATERING

3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been JULY 31, 1956. CONTINUOUS
FROM THIS DATE.

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

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
DOESN'T APPLY. NOT USED FOR IRRIGATION YET.

6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal 111' OF DRILLED
WELL. WELL PUMP. 1 1/2" GALV. PIPE.

N 1/2 E SE 1/4 Sec 27 T11N R20W

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.
ALL OF LOT (1) EXCEPT NORTH 10 FEET,
LOT (2), AND LOT (3), IN BLOCK (1)
OF WHITE'S OCHARD HOMES.
29 ACRES.

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater COMPLETED JULY 31, 1956. COMMENCEMENT NOT KNOWN.

8. The depth of water table 111 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 NO OTHER WELLS.
SEVERAL HOLES WERE DUG FOR STORAGE OF SURFACE WATER.

10. The estimated amount of groundwater withdrawn each year NOT KNOWN.

11. The log of formations encountered in the drilling of each well if available 0-3 DIRTY, 3-29 TAN CLAY,
29-36 RED CLAY, SOME GRAVEL, 36-38 GRAVEL, 38-58 TAN CLAY, 58-61 COARSE SAND,
61-62 VERY FINE GRAVEL, 62-103 TAN CLAY, 103-109 TAN SAND,
109-111 FINE GRAVEL, 111-FINE 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 BOOK 179 OF DEEDS, PAGES 242, 244, 246.

Signature of Owner Loren O. Dollan

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.

627

214986

copy

I received and filed this instrument for
 record on the 27 day of dec, 1963
 at 1:10 o'clock P.M., permanent files
 of Missoula County, State of Montana

Witness my hand:
MARTIN S. BRINER, County Recorder

By Richard Lane, Deputy

Fee \$ 2.00 Paid

MISSOULA COUNTY
 CLERK OF DISTRICT COURT
 MISSOULA, MONTANA

MISSOULA COUNTY
 CLERK OF DISTRICT COURT
 MISSOULA, MONTANA

57

File No. _____

T. 11 N R. 20 W

DUPLICATE

County _____

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 19 1965

Top of Ground
(Elev. above sea level 3590)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Pascoe L. Jones Address Box 45 Laka Mont
Marion C. Jones Address _____
Driller None Address _____

Date of Notice of appropriation of groundwater Sept 10, 1964

Date well started Sept 10, 1964 Date completed Sept 15, 1964

Type of well Dug Equipment used Picks & Shovel
(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.

Soil
Sand
Gravel
Sand
Gravel
"
"
"
Clay
Sand
Gravel
"
"
"
clay
clay
shale
sand
shale
sand
clay
Sand
Level
water 22'
clay
Sand
Gravel
"
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"
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"
"
"
35'

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
3'	3' x 4"	0'	35'	CUT Slots 1/4" x 12"	22'	35'

Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____ feet

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

Discharge in gal. per min. of flowing well _____

How Tested pumped (bucket)

Length of Test 8 min.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Hand dug well, cased with 2" steel culvert.

M.E. 1/4 Sec 27 T. 11 N R. 20 W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continues on reverse side)
USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).
Used for shop, stock water & irrigation of 20 acres

Owner Pascoe L. Jones
Driller's License Number _____
None
Driller's Signature _____

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

39013

1482

234119

I received and filed this instrument for
 record on the 16 day of Mar. 1965
 at 11:00 o'clock A.M. permanent files
 of Missoula County, State of Montana
 With my hand:
 Versace R. G. ... County Recorder
 By Paul H. Smith Deputy
 Fee \$ 2.00 Paid

RECEIVED

CIVIL ENGINEER

2
 State Assessor (paid for not recording and
 fee)

File No.

T. 11 N R 20 W

DUPLICATE

County Missoula

RECEIVED
MAR 19 1965

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

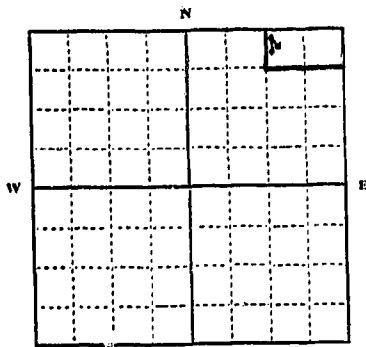
Date of Appropriation of Groundwater June 17, 1964

Owner Poscoe L. Jones Address Box 45 Laka, Mont.

Contractor (if any) Marion C. Jones None

Address of Contractor _____

Date Started June 17 Date Completed June 18, 1964



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

cleared out and developed. 4' Deep

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. House

NE 1/4 Sec. 27 T. 11 R. 20W

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

use 12 gal per minute

Pump 1" Deep 1' wide

stock water. Garden

irrigation

Signature of Owner Poscoe L. Jones

Date March 10, 1964

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 Quadruplicate for the Appropriator.

39012

1481

234118

I received and filed this instrument for
record on the 16 day of Mar. 19 65
at 10:55 o'clock A.M. permanent files
of Mineral County, State of Montana
Witness my hand
Vernon J. Casper, County Recorder
By *John N. Smith*, Deputy
Fee \$..... Paid *Cal*

Recorded in accordance with the provisions of the Montana
Recording Act, Chapter 10, Title 1, Montana Code Annotated, 1972.

File No. _____

T. 11N. R. 20W

DUPLICATE

County Missoula

LOG

MONTANA WATER RESOURCES BOARD

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

July 13 1969

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)



Top of Ground

(Elev. above sea level _____)

- 01' Sand, gravel, tan clay
- 5' & cobble stones
- 6' tan clay, sand
- 44' & gravel
- 44' sand, water, gravel
- 46' & tan clay
- 46' sand, gravel
- 53' & tan clay
- 53' sand, gravel
- 55' & water
- 58' tan clay, sand
- 66' & gravel
- 66' sand, gravel
- 67' & water

Owner FRANCIS MICKENS Address 71 Florence

Driller KEN WILLIAMS Address 1558 So. 5th W.

HELENA, MONTANA

Date of Notice of appropriation of groundwater _____

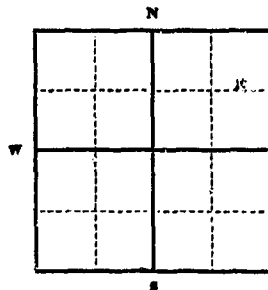
Date well started AUG. 22, 67 Date completed AUG. 25, 67

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" I.P.	6-5/8" OD 17 lbs. 1/4" splice wall	GROUND level	67'			



Static Water Level for non-flowing well _____ feet

Shut-in Pressure for Flowing Well _____

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

Discharge in gal. per min. of flowing well _____

How Tested sub-test pump

Length of Test 6 hours

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

E & NE 1/4, Sec 27, T11N R20W

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number 157

Driller's Signature Kenneth L. Williams

45,326

4,899

28 1947

I received and filed this instrument for
 record on the 9 day of June, 1947,
 at 2:10 o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
Wesley R. Crouse, County Recorder
 By Wesley R. Crouse, Deputy
 Fee Sec. 9.4 Paid

RECEIVED MISSOULA COUNTY CLERK
 JUN 11 1947
 MISSOULA, MONTANA

1958

334243

I received and filed this instrument for
record on the 28 day of June 1958
at 10:30 o'clock A. M., permanent files
of Missoula County, State of Montana
Witness my hand:
Dorothy L. Head, County Recorder
By S. J. [Signature] Deputy
Fee \$ 2.00 Paid

334243
JUN 28 1958
MISSOULA COUNTY RECORDER

GW 2

STATE WATER CONSERVATION BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—39311

File No. _____

MAY 31 1967

T 11 R 20 21
County Missoula

DUPLICATE

McDermott _____
McNulty _____
Morton _____
Sullivan _____
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level 3,225)

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Margaret H and

Owner Jesse B. Pickens Address Carlton, Montana

Driller Harold K. Pickens Address 3634 South Avenue
Missoula, Montana

Date of Notice of Appropriation of Groundwater _____

Date well started Feb. 25, 1967 Date Completed March 18, 1967

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

Well indicates 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.

2 1/2 ft. - top soil

1 1/2 - 35 ft. red clay & decomposed granite

35 - 78 ft. sand silt & water

78 - 85 ft. red clay

85 - 145 ft. sand silt & water

145 - 146 ft. gravel & water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind and Size	From (Feet)	To (Feet)
5 inch	19.98	0	145			

Static Water Level for non-flowing Well 84 feet.

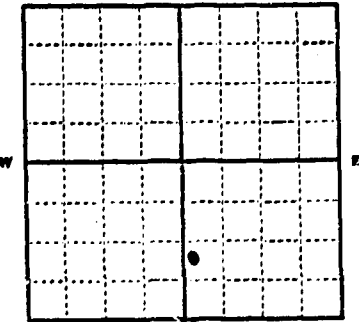
Shut-in Pressure for Flowing Well _____

Pumping Water Level 84 feet at 28 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Ballod Length of Test 8 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) _____



SE 1/4 SE Sec. 27 T. 1 R. 20

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

Show exact depth of bottom.

146 from ground level

73
Driller's License Number

Harold K. Pickens
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.

42,031

708

261039

I received and filed this Instrument for record on the 26 day of May 1967 at 10:30 o'clock A.M., permanent files of Missoula County, State of Montana

Witness my hand:
 Virginia R. Crouse, County Recorder
 By Edna J. ..., Deputy
 Fee \$ 2.00 Paid

STATE WATER COMMISSION BOARD

MAY 31 1967

APPROVED TO BE
 DEPOSITED TO RECORD
 IN THE OFFICE OF THE
 COUNTY CLERK

MISSOULA COUNTY
 DEPARTMENT OF CLERK

RECORDED
 INDEXED
 FILED

MISSOULA COUNTY CLERK
 DEPARTMENT OF CLERK

DATE	TIME	FILED	INDEXED	RECORDED	FILED	INDEXED	RECORDED

MISSOULA COUNTY CLERK DEPARTMENT OF CLERK

File No.

T. 11ⁿ R. 20^W 27

DUPLICATE

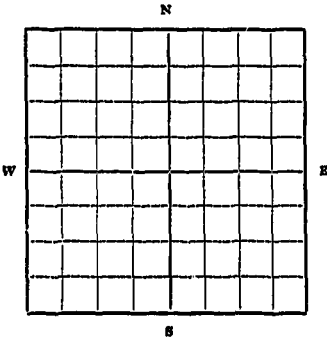
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

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

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



SW 1/4 Sec. 27, T.11N 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 stock water and household use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 5, 1960
Continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) ten gallon per minute (checked by pumping after well was in operation) Driller checked capacity with baler and indicated 3 gallon 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 deep well pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started March 16, 1960 Completed April 15, 1960

8. The depth of water table 70 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 churn drilled, depth 143' - 7", 6" casing

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

11. The log of formations encountered in the drilling of each well if available See attached drillers report

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 Charles R. Schmitz
Date December 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.

609

214939

Copy

I received and filed this instrument for record on the 17 day of Dec 1943 at 7:16 o'clock A.M., permanent files of Missoula County, State of Montana

Witness my hand:
MARTIN S. BEHNER, County Recorder
 By Martin S. Behner Deputy
 Fee \$ 2.00 Paid

THIS INSTRUMENT IS SUBJECT TO THE RIGHTS OF THE BANK OF AMERICA NATIONAL ASSOCIATION, NEW YORK, NEW YORK, AS MORTGAGEE OF THE UNDERSIGNED GRANTEE HEREIN.

RECORDED IN THE OFFICE OF THE CLERK OF DISTRICT COURT, DISTRICT OF MONTANA, AT MISSOULA, MONTANA, ON DECEMBER 17, 1943.

MISSOULA, MONTANA, DECEMBER 17, 1943.

MARTIN S. BEHNER, County Recorder

File No.....

T. 11^N R. 20^W

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater..... *Original date not known present owner since July 4-1953*

Owner..... *CHRIS R. Schmitz* Address..... *Florence Mont*

Contractor (if any)..... *Does not Apply*

Address of Contractor.....

Date Started..... Date Completed.....

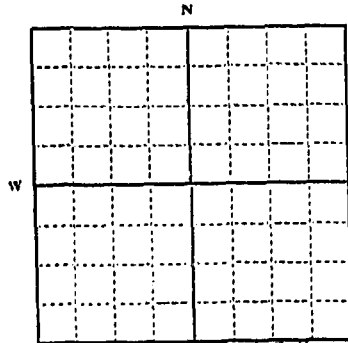
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. *Source of ground water*

From numerous springs on property. Irrigation accomplished by means of ditches & sprinkler system. Water stored in earth dam. Also sub-irrigation.

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.....

Approx 50 million gallons 7 months of use during irrigation season



S.W. 1/4 Sec. 27 T.11N. R. 20W

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

Signature of Owner..... *Chris R. Schmitz*

Date.....

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 Quadruplicate for the Appropriator.

610

214940

Copy
I received and filed the instrument for
record on the *27* day of *Dec*, 196*7*
at *8:15* o'clock *A.M.*, permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By *Martin S. Behner* Deputy
Fee \$ *2.00* Paid

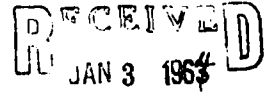
File No.

T 11 N R 20 W

DUPLICATE

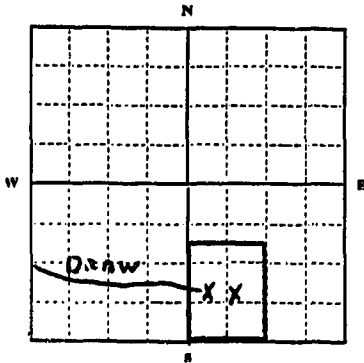
County MISSOULA

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



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

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



- 2. The beneficial use on which the claim is based household water, garden and pasture irrigation, stock water and hay crop.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been prior to 1900, continuous since that date.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 miner's inches.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lot 4, Block 1, WHITE'S ORCHARD ROWS (10 acres) SW 1/4 Section 27, T 11 North R 20 W (40 Acres) all owned by Clara Wemple.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal from spring with ditches and pipes.

SW 1/4 SE 1/4 Sec 27 T 11 N R 20 W

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

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Exact data not known. Has been there for 50-60 years. Re-paired and improved every year.
- 8. The depth of water table Not known.
- 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 water from spring feeds into ditches and a pipe.
- 10. The estimated amount of groundwater withdrawn each year Not known.
- 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 KNOWN

Signature of Owner Clara Wemple

Date December 20, 1963

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

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

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

7098

215573

Copy

I received and filed this instrument for record on the 21 day of Nov-1963 at 4:53 o'clock P.M. permanent files of Missoula County, State of Montana
Witness my hand:
By E. H. Lane County Recorder Deputy
Fee \$ 2.00 Paid

How and where made or how they are to be returned see by reference to instrument in which set

File No. RECEIVED

T. 11. N. R. 20. W.

34

TRIPPLICATE JAN 31 1974

County Missoula

MONT. DEPT. OF NATURAL RESOURCES & ENVIRONMENT

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater (Under Chapter 237, Montana Session Laws, 1961)

1. I, Robert H. Byars, of Box 130A Rt 1 Florence (Name of Appropriator) (Address) (Town) County of Missoula, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is House hold use (describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 15 gal / minute

4. The annual period (inclusive dates) of intended use YEAR-ROUND

5. The probable or intended date of first beneficial use Approx 1900

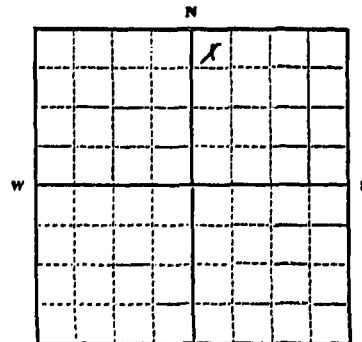
6. The probable or intended date of commencement and completion of the well* or wells* 1900

7. The location, type, size and depth of well or wells contemplated 20-30 Feet Deep ADJACENT to House on NW 1/4 NE 1/4 SEC 34 T11N R20W

8. The probable or estimated depth of the water table or artesian aquifer 5-10'

9. Name, address and phone number of the driller engaged N/A

10. Give such other similar information as may be useful in carrying out the policy of this act. Well was developed before we purchased the home. Exact Design is not known, however, the pump system indicates a shallow well.



NEW NW 1/4 Sec 34 T. 11. R. 20 Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator Robert H. Byars

Date 23 July 73

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with 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.

2648

342913

I received and filed this instrument for
record on the 28th day of Jan, 1974
at 2:10 o'clock P.M. permanent files
of Missoula County, State of Montana
Witness my hand:
Dorothy L. Head, County Recorder
By M. J. - [Signature], Deputy
Fee \$2.00 Paid [initials]

File No.

RECEIVED
JAN 31 1974

T. 11 N. R. 20 W

TRIPPLICATE

MONT. DEPT. of NATURAL
RESOURCES & CONSERVATION

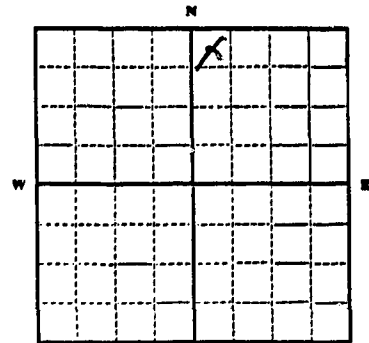
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

- I, Robert H Byars, of Box 131 A Rt 1 Florence
(Name of Appropriator) (Address) (Town)
County of Missoula, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
- The beneficial use to which water is to be applied is IRRIGATION AND
watering stock
(describe lands to be benefited, if for irrigation)
- The rate of use in gallons per minute or miner's inches of groundwater claimed 6-10 gal/min
- The annual period (inclusive dates) of intended use YEAR-ROUND
- The probable or intended date of first beneficial use PRIOR TO 1900
- The probable or intended date of commencement and completion of the well or wells PRIOR TO 1900
- The location, type, size and depth of well or wells contemplated 60' South of
House. Dug well 70' Deep
- The probable or estimated depth of the water table or artesian aquifer 5-10'
- Name, address and license number of the driller engaged N/A

10. Give such other similar information as may be useful in carrying out the policy of this act. This is
A Dug well boarded with
heavy timbers. Was probably
built prior to 1900 for
drinking water.



NE 1/4
NW 1/4 Sec. 34, T. 11, R. 20
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator: Robert H. Byars
Date: 23 July 73

As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with 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.

2647

342912

I received and filed this instrument for
record on the 21st day of Jan 19 74
at 2:05 o'clock P.M. in the Instrument Files
of Missouri County, State of Missouri
Witness my hand
at Warrensburg, Missouri, County Recorder
By Gene L. Hines Deputy
Fee \$ 2.00 Paid

MISSOURI COUNTY RECORDS DEPARTMENT
RECORDS SECTION
WARRENSBURG, MISSOURI

174
X

or

34

File No.

T. 11ⁿ R. 20^w

DUPLICATE

County Missoula

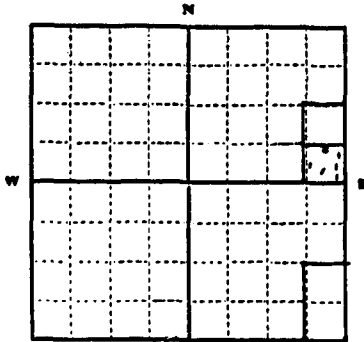
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Friedrich Doerrheim & Martha Doerrheim, of Florence
(Name of Appropriator) (Address) (Town)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



E1SE1NE1

1/4 Sec. 34, T. 11 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 USEF OVER A period in excess of twenty years.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Definite date unknown at this time but as early as 1940
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500-700 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 10 acres in E1SE1NE1 of Section 34, Township 11, Range 20. Water was also used for domestic purposes.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump and pipes, 2" intake on one, 1 1/2" on another, 1 1/2 inch on another, open wells, by movable electric motor and pipe
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Unknown to owners
8. The depth of water table 15 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 4 dug wells and 2 open water holes. Average depth 15 to 20 feet. Withdrawal by electric motor and pipes. Movable pipe and pump to water holes.
10. The estimated amount of groundwater withdrawn each year 5 million 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 none

Signature of Owner Friedrich Doerrheim
Martha Doerrheim

Date Dec. 18, 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.

12323

503

214750

I received and filed this instrument for
 record on the 23 day of Dec, 1963
 at 3:10 o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
MARTIN S. BEHNER, County Recorder
 By [Signature] Deputy
 Fee \$ 3.10 Paid

MISSOULA COUNTY RECORDER

File No.....

T. 11-N. R. 20 W

MINERAL RESOURCES BOARD

DUPLICATE RECEIVED

County MISSOULA

FEB 16 1971

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 2/8/71

Owner ERVEN H. ERICKSON Address R#1 FLORENCE, MONTANA

Contractor (if any)

Address of Contractor

Date Started..... Date Completed.....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. ALL SPRINGS - IRRIGATION

by ditches + pipes.

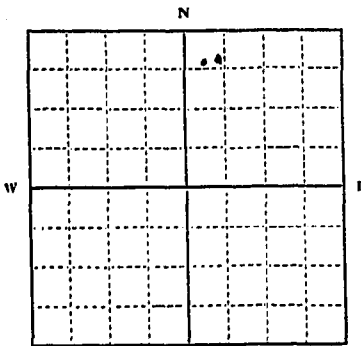
Stock water etc.

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. 4 MONTHS

APPROX. FOR IRRIGATION by ditches

ALL WATER FROM SPRINGS. APPROX. 20"



N.W. 1/4 N.E. 1/4 Sec. 34. T. 11. N. R. 20
Indicate point of appropriation and place of use, if possible.

Doc. No. 299315
Filed for record
this 8 day of February
A. D. 19 71, at 10:30
o'clock A M.

Signature of Owner Erven H. Erickson

Date 2/8/71

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 Quadruplicate for the Appropriator.

48139

2088

299315

I received and filed this instrument for
 record on the 2 day of Feb, 1977,
 at 11:30 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Veramoy R. Crosson, County Recorder
 By [Signature], Deputy
 Fee \$ 2.00 Paid cash

Doc M

RECEIVED

MAR 7 1972

Missoula
County MISSOULA **34**
DRILLER'S LOG

**STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD**

**NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962

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

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

Owner Tom Helling
Address Florence,
Montana
Date well started Sept. 24, 1971
completed Sept. 28, 1971

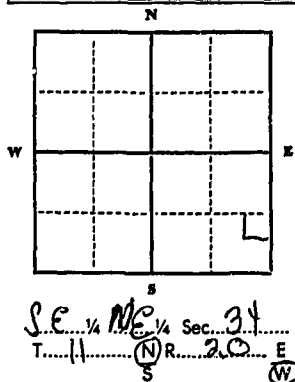
For Administrator's Use
File # 2240, 313482
March 3, 1972 1:22pm
GW 1

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

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
<u>6" ID</u>	<u>6" ID 17 lb above per ft. g.l.</u>	<u>1' 6"</u>	<u>4' 6"</u>	<u>Mills Knife 3/8 X 3"</u>	<u>23</u>	<u>28</u>



Static water level 22' 6" ft.*
Pumping water level 19' 6" ft.*
at 20 gallons per minute,
measured 2 minutes after pumping began.
*Measured from ground level.
Well developed by test pump
for 2 hours.
Power 5.1 Pump 2 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 Camp Well Drilling & Pump Supply
Driller's Address 1522 S. 14th W., Missoula, Montana 59801

Phil G. Beltr LICENSE NO. 7

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
<u>0</u>	<u>18</u>	<u>Boulders, Yellow Clay & Gravel</u>
<u>18</u>	<u>29</u>	<u>Sand, gravel & Water</u>
<u>29</u>	<u>36</u>	<u>Sandy Clay, yellow</u>
<u>36</u>	<u>41' 6"</u>	<u>Gray Clay, Sand & Gravel</u>

41' 6" Show exact depth of bottom

2240

3,3477

I received and filed this instrument for
record on the 3rd day of March, 1922
at 1:22 o'clock P.M. permanent file
of Missouri County State of Missouri
Witness my hand
Warrance R. Coates, County Recorder
By Paul Coates, Deputy
Fee 2.00 Paid

RECORDED
INDEXED
FILED
MISSOURI COUNTY
MAR 10 1922
ST. LOUIS, MO.

File No.

T. 11 N R. 20

DUPLICATE

County. Missoula

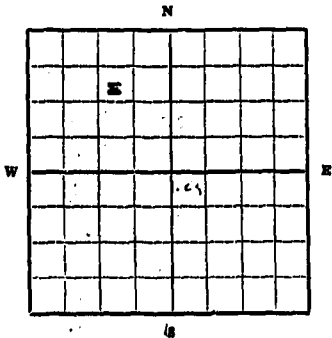
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963

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

STATE ENGINEER

1. Ben & Elsie J. Maier, of Florence, Montana
(Name of Appropriator) (Address) (Town)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



10' x 10' Sec. 34, T. 11 N. 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
Housa & livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Over a period of the past 20 years to the best of my knowledge.
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
150 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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
12 in pipe and water is withrawn by natural spring pressure and gravity.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Spring has been in operation for at least twenty years.
Enlarged the reservoir in the spring and summer of 1962.
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
Reservoir measures 4x128 feet.
10. The estimated amount of groundwater withdrawn each year
Approx. 365,000 gallons per year.
11. The log of formations encountered in the drilling of each well if available
None
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner..... Elsie J. Maier

Date..... Dec 31 1962

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

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

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

20244

1124

I received and filed this instrument for
 record on the 21 day of July 1962
 at 5:30 o'clock P., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 By Mat. A. Burk Deputy Recorder
 Fee 2.00 Paid

RECORDED

FILED

MISSOULA COUNTY, MONTANA

GW 2

STATE WATER CONSERVATION BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—2329

35

File No. _____

FEB 15 1966

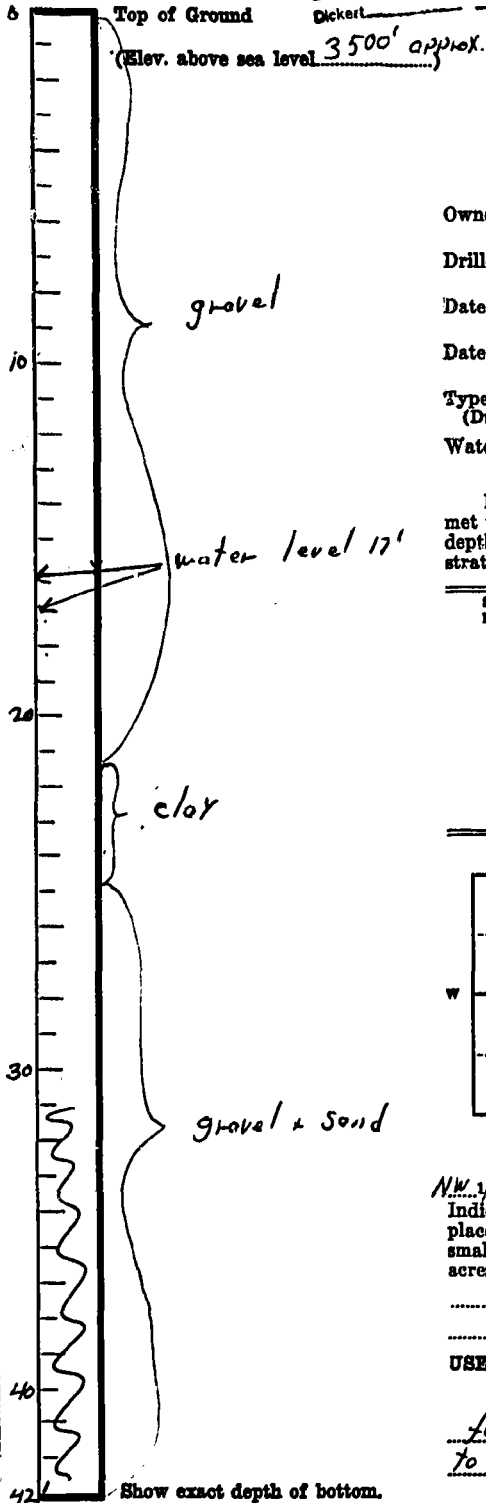
T. 11N R. 20W

DUPLICATE

Billie _____ McDermott _____
 Butler _____ McNulty _____
 Logan _____ Morten _____
 Darin _____ Sullivan _____
 Dickert _____

County Missoula

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER



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

(Under Chapter 237, Montana Session Laws, 1961)

Owner William C. Bradt Address Route #1, Florence, Mont.

Driller William C. Bradt Address Route #1, Florence, Mont.

Date of Notice of appropriation of groundwater Oct 25, 1965

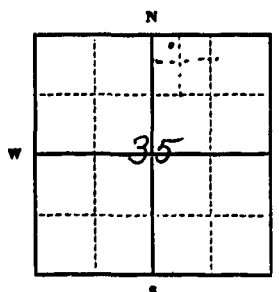
Date well started Nov. 15, 1964 Date completed Aug. 17, 1965

Type of well Driven Equipment used Pile Driver
 (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)
4"	4" diam. Steel pipe 1/4" wall	0	42	Slits 1/4" x 3"	25	42



Static Water Level for non-flowing well 17 feet.

Shut-in Pressure for Flowing Well N.A.

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

Discharge in gal. per min. of flowing well 20

How Tested displaced air

Length of Test 15 min.

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

NW 1/4 NE Sec. 35 T. 11N R. 20W
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

bottom 11 feet of wall casing is full of rocks

(Continue on reverse side)

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

for irrigation of 7 Acres adjacent to well

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

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

N.A.
Driller's License Number

William C. Bradt
Driller's Signature

10837

1577 246876

I received and filed this instrument for record on the... 11... day of Feb... 1966... at 2:30... o'clock P. M. permanent files of Missoula County, State of Montana
Witness my hand:
Vermae B. Claus, County Recorder
By M. M. Conroy, Deputy
Fee \$2.00

1966 FEB 11 11 11 AM '66

RECEIVED BY MISSOURI COUNTY RECORDER

MISSOURI COUNTY RECORDER

DEPARTMENT

1966 FEB 11 11 11 AM '66

MISSOURI COUNTY RECORDER BOARD

MISSOURI COUNTY RECORDER BOARD
RECEIVED BY MISSOURI COUNTY RECORDER

2293 316375
I received and filed this instrument for
record on the 7 day of May 1872
at 11:30 o'clock A.M. permission filed
of Missoula County State of Montana
Witness my hand
Vernon R. Greig County Recorder
By *James M. [unclear]*
Fee \$2.00 Paid

RECORDED
INDEXED
MAY 18 1872
MONTANA

RECEIVED
JUN 8 1972

County Missoula

DRILLER'S LOG 35

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

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 Stephen E. Hambrick

Address Florence

Florence, Montana

Date well started 8/22/72

completed 2/25/73

Type of well Drilled

Equipment used Sable Tool

Water Use: Domestic Municipal Stock Irrigation

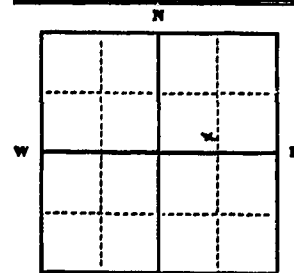
Industrial Drainage Other Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 inch	6 in. I.D. 14.65 per 50	0	52	None		



Static water level 15 ft of top ft.
Pumping water level 52 ft of top
at 15 gallons per minute,
measured 5 minutes after pumping
began.

*Measured from ground level.
Well developed by gravel pack
for 2 hours.

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

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

Tract No. 2 of Block 2, and that part of Tract No. 1 of Block 2 of Carlton Tracts, a subdivision of Missoula County, Montana, according to the official recorded plat

T. 11N. N.R. 25 E. 8

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

Driller's Signature Harold K. Pickens

Driller's Address 3524 So. Ave.

Missoula, Montana..... LICENSE NO. 71

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0	15	soil some rock
15	18	crystal & sand
18	25	crystal sand & water
25	45	sand small gravel & water
45	52	red clay no water
52	52	crystal & water

52 Show exact depth of bottom

50,555

2286 317498

I received and filed this instrument for record on the 22 day of June 1912 at 10 o'clock M. Hermann files of Missoula County State of Montana

Witness my hand
Hermann, R. County Clerk

By *[Signature]* Deputy
Fee \$ *[Amount]* Paid

MISSOURI STATE OF MONTANA
 COUNTY OF MISSOULA
 RECORDS DEPARTMENT

RECORDED
 JUN 22 1912

Notarially
 [Signature]

Subscribed and sworn to before me this 22 day of June 1912
 [Signature]

Notary Public for Montana

JAWAQBHW JAUMWA GETAHT23

SEARCHED	INDEXED	SERIALIZED	FILED

NOTARIAL PUBLIC
 MISSOULA, MONTANA

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

Owner Stephen F. Hambrick
Address Florence, Montana 59833
Location 1. R. Sec.
Doc. No. 2286-317498

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

Special Instructions:

Please provide, as indicated in red on the attached form, the complete location of the well by Township, Range and Section.

Thank you.

RECEIVED
AUG 29 1972
MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

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.

Stephen E. Hambrick

Owner

Address

City

Date well started

completed

Type of well

Equipment used

Water Use: Domestic Municipal Stock Irrigation

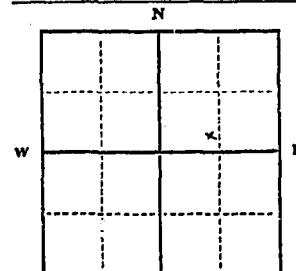
Industrial Drainage Other * Garden/Lawn

*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)
5 inch	5 in. I.D. 14.5 lb/ft	0	50	none		



Static water level 25 ft. of top.*
Pumping water level 27 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)

Tract No. 2 of Block 2, and that part of Tract No. 1 of Block 2 of Section 14-35-34, a subdivision of Missoula County, Montana, to the official recorded plat.

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

Driller's Signature

Driller's Address

LICENSE NO. 72

County

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.

From (Feet)	To (Feet)	Top of Ground
0	0	
10	10	
20	20	
30	30	
40	40	
50	50	
60	60	
70	70	
80	80	
90	90	
100	100	
110	110	
120	120	
130	130	
140	140	
150	150	
160	160	
170	170	
180	180	
190	190	
200	200	
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890	890	
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970	970	
980	980	
990	990	
1000	1000	

Show exact depth of bottom

50.555

File No. _____

T. 11N R. 20W

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

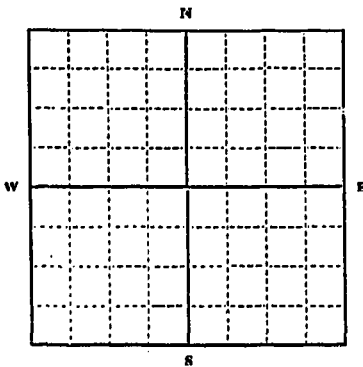
County _____
RECEIVED
JAN 3 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Samuel R. Hayden, of Rt #1, Flernese
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based drinking water
+ personal use and approximately 6 acres irrig.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. August, 1959
Been used steadily

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2.00 gal. per minute

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

About five acres of the South 1/4 SW 1/4 of
N.W. 1/4 of Section 28 Township 11 North
Range 20 West of Montana Meridian containing
20 acres more or less. Owner is Samuel R. Hayden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal drawn by
horizontal pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. August 1959 the well was started + completed
the last part of the same month

8. The depth of water table. Ten feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Hand drilled well of four feet in
diameter + 140' going feet depth

10. The estimated amount of groundwater withdrawn each year. 43,200,000 gal per year

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. and the well is drilled on is
in Book 213 page 89

Signature of Owner Samuel R. Hayden
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.

1688

I received and filed this instrument for
 record on the 31st day of Dec 1963
 at 109 clock P. M., permanent files
 of Mineral County, State of Montana
 Witness my hand:
 By Maria D. Bell County Recorder
 Fee \$ 2.00 Deputy
 Paid

Form No. 18
8-60

35

T. 11 R. 20

County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

Owner E.A. Hendrickson Address Carlton, Montana

Driller Glenn Camp 705 Alder Address Missoula, Mont.

Date Started June 19, 1961 Date Completed June 22, 1961

Location: Sec. 35 T. 11 R. 20 $\frac{1}{4}$ sec. nw 4 7w 4

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other _____

Casing: 8" on top of ground ft. to 48' ft. Type Seamless Size 6" I.D. 17.00

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: 19 feet.

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

Pumping water level 22 feet at 14 gal. per min.

How tested: Bailer

Length of test 2 hours

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

Put in exact location and file with County Clerk & recorder

(over)

GW 2

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

File No. _____

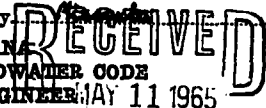
T. 11 N. R. 20 35

DUPLICATE

County _____

LOG

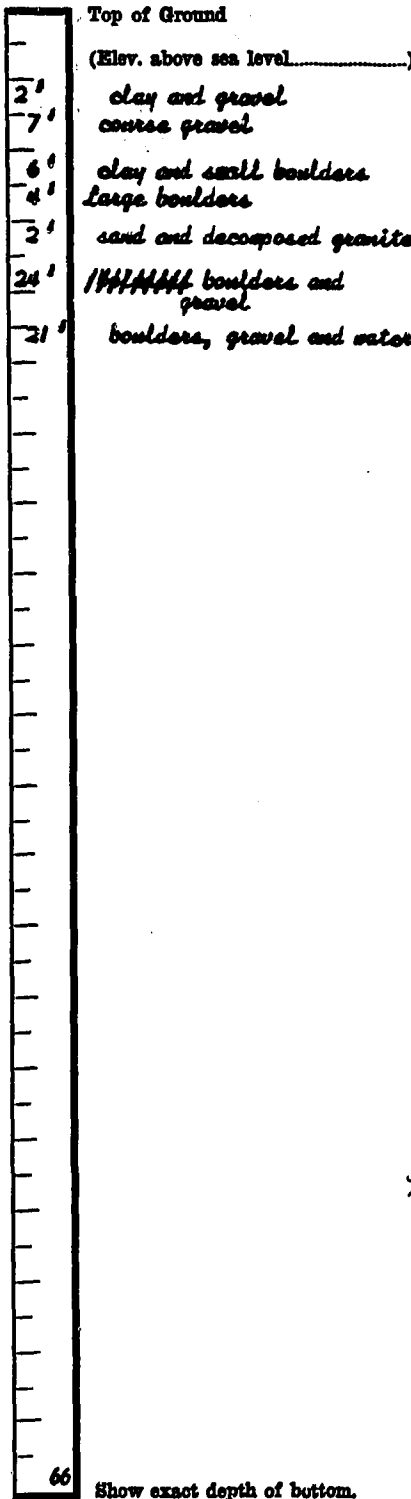
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
MAY 11 1965



Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)



Owner A. C. Hove Address Staraco Carlton

Driller Kane Water Well Drilling Address St. Regis

Date of Notice of appropriation of groundwater 4/22/65

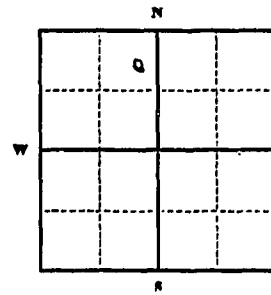
Date well started 4/24/65 Date completed 4/29/65

Type of well drilled Equipment used chain
(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 (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
5" Id	6" Id 18.79 0	0	66	does not apply		



Static Water Level for non-flowing well 41.45 feet.

Shut-in Pressure for Flowing Well X

Pumping Water Level 40 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well X

How Tested pumped and bailed

Length of Test 3 hours

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

76.1414 Sec. 35, T. 11N, R. 20E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

66 Show exact depth of bottom.

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

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

23 Driller's License Number

A. C. Hove
Driller's Signature

3917

546

236295

I received and filed this instrument for
 record on the 6 day of May 1965
 at 10:30 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Veranoe R. Creuse, County Recorder
 By Alvin J. Mann, Deputy
 Fee \$ 2.00 Paid cash

How prepared by: []
 State of Montana
 Missoula County

GW2

File No.

DUPLICATE

No location?

RECEIVED
MAY 29 1964

RECEIVED

AUG 6 1964 R. 20

W 35

STATE ENGINEER
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 5' Pit
5' to 20' Granite, sand, gravel
and boulders
20' to 23' Granite, sand
and silt
23' to 30' Granite, sand
and water
30' to 71' Clay granite
sand & coarse gravel
71' to 77' Gravel, sand &
water

Owner George Hlabusch Address Florence

Driller Glenn Camp 705 Alder Address Micaula

Date of Notice of Appropriation of Groundwater

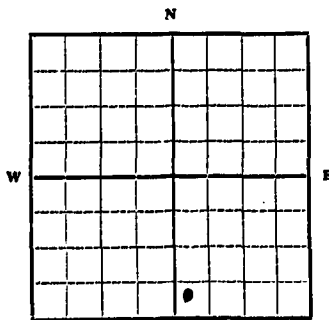
Date well started June 26, 1961 Date Completed June 28, 1961

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

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I.D.	seamless 19 lbs to foot	6" above pit floor to 67'-9"				



SW 1/4 Sec 35, T. 11, 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 40' feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 40' feet at 3.0 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer Length of Test 8 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)

Number 7
Driller's License Number

Glenn Camp
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.

38137

1411

088128

I received and filed this instrument for
 record on the 25 day of May 1964
 at 3:30 o'clock P.M., permanent file
 of Missoula County, State of Montana.
 Witness my hand
MARTIN S. EPHNER, County Recorder
 By [Signature] [Signature] Deputy
 Fee \$ 00 Paid

MISSOULA COUNTY RECORDER
 MISSOULA, MONTANA
 MISSOULA COUNTY RECORDER
 MISSOULA, MONTANA

MISSOULA COUNTY RECORDER
 MISSOULA, MONTANA

MISSOULA COUNTY RECORDER
 MISSOULA, MONTANA

MISSOULA COUNTY RECORDER
 MISSOULA, MONTANA

GW2

File No. _____

T. 11 N. R. 20 W. 25

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
FEB 3 1964

**Notice of Completion of Groundwater
Appropriation by Means of Well ENGINEER**

(Under Chapter 237, Montana Session Laws, 1961)

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

1' to 55' Clay, granite
gravel, boulders & Sand.

55' to 78' Sand & shattered
gravel (picked up some
water)

78' to 86'-10" sand, gravel
& water.

Owner Harold Patton Address Lolo, Montana

Driller Glenn Camp 705 Alder Address Missoula, Montana

Date of Notice of Appropriation of Groundwater

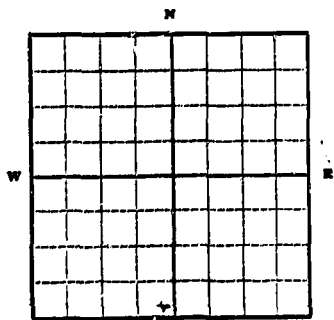
Date well started 11/8, 1961 Date Completed 11/13/1961

Type of well Drilled Equipment Used Churn Drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) 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)
5"	5" T.D. seamless	19 lbs to feet	2" above ground level to 86'-10"			



..... 1/4 Sec. 35 T. 11 N. R. 20 W

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 46' from G.L. feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 45 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Compressor Length of Test 2 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)

License # 7
Driller's License Number

Glenn Camp
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.

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