

R-198 163144

STATE OF MONTANA } ss
County of Lake,
Filed on the 31 day of Dec
A. D. 1903 at 5:26 o'clock PM
Stannard
County Clerk and Recorder
Deputy

GW 2

File No. _____

DUPLICATE

RECEIVED
APR 10 1963

T 19 R 20

STATE ENGINEER
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
PR 1 1963

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 1' Top soil

1' to 41' Clay & gravel

41' to 42' Sand, gravel, clay
& water

42' to 97' Clay & gravel

97' to 99' Sand & water

99' to 102' Gravel & water
(2 G.P.M. Staw. W.L. 8')

102' to 273' Clay & gravel

273' to 274' Sand, gravel
and water

Owner: G.J. Henry Address: Moiana, Mont

Driller: Glenn Camp 705 Alder Address: Missoula, Mont

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

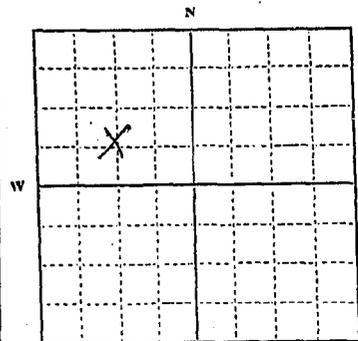
Date well started: 2/28/63 Date Completed: 3/13/63

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. seamless 19 lbs	1' above G.L. to 275'-4"		none		



SR NW 1/4 Sec. 12, T. 19, 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..... 170' from G.L. feet.

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

Pumping Water Level..... 175' feet at..... 20 gal. per minute.

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

How Tested..... Bailer 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).....

none

Licence # 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; Triuplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

4050

DISP

158993

Cordia J Henry
To
The Public

RECORDED

STATE OF MONTANA

County of Lake

Filed on the 26 day of March
A. D. 1963 at 10:30 o'clock A. M.

HAZEL KINNICK

County Clerk and Recorder

By E. Cowman
Deputy

C

T. 19N R. 20W M. 11

County Tale

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

RECEIVED
JAN 18 1961

Owner: ^{manu +} Orwell K. Owen Address: St. Ignace
 Driller: Glenn Camp Address: 705 Allen Missoula, Mont
 Date Started: Sept 24, 1956 Date Completed: Oct 2, 1956
 Location: Sec. 12 T. 19N R. 20W M. 11 sec. 12

STATE ENGINEER

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

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

Casing: top 6' to 185 ft. to 185 ft. Type _____ Size: 6" I.D.

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

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

Perforated or Screened: Ft. none to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: none

Static Water level, for non-flowing well: 58 feet.

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

Pumping water level: 52 feet at 30 gal. per min. 30 gal

How tested: Boiler

Length of test: 6 hours

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

Gravel Packing

File No. _____

T. 19th R 20th

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 21 1965

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater _____

Owner R. W. Walker Address St. Ignace

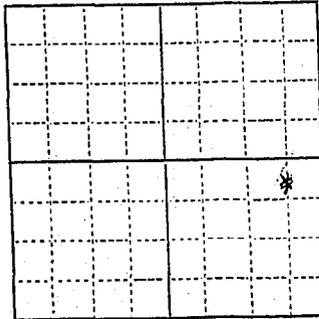
Contractor (if any) _____

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.

Open spring



N 37th S E 1/4 Sec. 12 T. 19. R. 20

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

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

estimate approximate lengths of periods of use _____

Approximate 1 1/2 stream
Water used for stock water

Signature of Owner R. W. Walker

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.

39242

R998

171004

Water Report

U. N. Walker

To

The Public

STATE OF MONTANA }
County of Lake } ss

Filed on the 18 day of June

A. D. 1965 at 11:32 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

G. Coerman

Deputy

RECEIVED

13

GWS

File No.

JUL 3 1973

T. 19 N. R. 20 W

QUADRUPPLICATE

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
STATE OF MONTANA

County Lake

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 Oct. 17, 1971

E. French

Owner John D. & Dorothy Address Ronan, Mont.

Contractor (if any) _____

Address of Contractor _____

Date Started 10/17/71 Date Completed 10/17/71

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

ditches and pipe, from springs rising on

premises desc. as NE1/4SE1/4 and S1/2SE1/4

Sec. 13, T. 19 N. R. 20 W. MM

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

tent estimate approximate lengths of periods of use _____

15 miners inches, full year use, for irrigation
fish and wildlife propagation, domestic use
and stock water

Signature of Owner _____

Date June 29, 1973

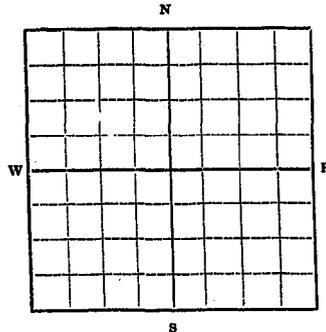
This form to be prepared by contractor (if any), otherwise by the owner.

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 School of Mines and Quadruplicate for the Appropriator.

210636; 1511
June 29, 1973.
4:53 p.m.



..... 1/4 Sec. T. R.
Indicate point of appropriation and place of use, if possible.

5-4921

210636, 1511
June 29, 1973
4:53 P.M.

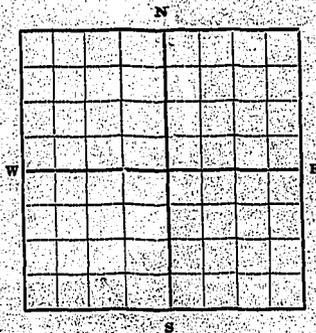
Date of Appropriation of Groundwater Oct. 17, 1972
Owner John D. & Dorothy French Address Reman, Mont.

Contractor (if any) _____

Address of Contractor _____

Date Started 10/17/72 Date Completed 10/17/72

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. sub irrigation, diversion by ditches and pipe, from springs rising on premises desc. as NE1/4SE1 and S1/4SE1/4 Sec. 15, T. 19 N. R. 20 W. MN



1/4 Sec T R
Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use
15 miners inches, full year use, for irrigation fish and wildlife propagation, domestic use and stock water

Signature of Owner [Signature]

Date June 29, 1973

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 School of Mines and Quadruplicate for the Appropriator.

5-4921

13

File No.

T 19^N R 20^W

DUPLICATE

County Lake

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 Aug. 27, 1958

Olive E. Frey

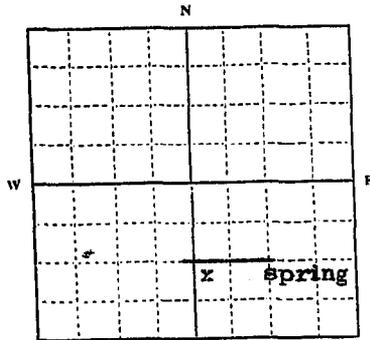
Owner Harry E. Frey and/ Address St. Ignatius, Montana

Contractor (if any) (None)

Address of Contractor

Date Started Aug. 27, 1958 Date Completed Aug. 27, 1958

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. spring cribbed with stone and concrete, protected by brick building and 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 constant

flowing spring and sub-irrigation; constant use made thereof.

NW 1/4 SW 1/4 SE 1/4 Sec 13 T 19 R 20

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

Signature of Owner.....

Harry E. Frey
Olive E. Frey

Date December 24, 1963

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.

R-502

162793

Water Report
Harry E. & Olive E. Frey
to
The Public

STATE OF MONTANA
County of Lake,
Filed on the 26 day of Dec
A. D. 1963 at 3:29 o'clock P.M.
HAZEL BENNICKE
County Clerk and Recorder
By M. Knapp
Deputy
\$ 2.00

13

File No.

T. 19 R 20

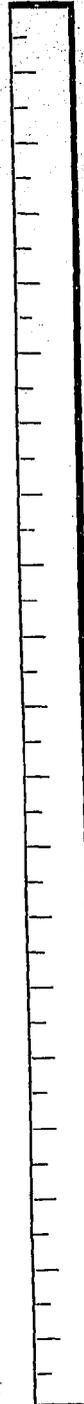
DUPLICATE

County Salwa

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
RECEIVED
SEP 12 1962
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



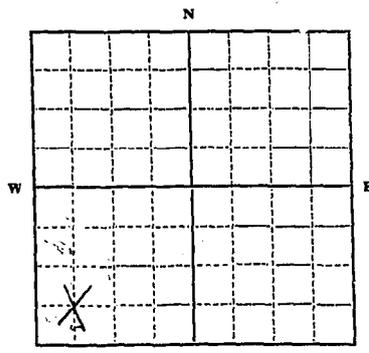
Top of Ground
(Elev. above sea level.....)

- 0 to 1' top soil
- 1' to 25' Hard Clay
- 25' to 72' Soft clay and gravel
- 72' to 74' Gravel with water
- 74' to 80' Clay & gravel (No Water)

Owner: Rundsen Address: St. Ignatius, Mont
 Driller: Glenn Camp 705 Alder Address: Missoula, Mont
 Date of Notice of Appropriation of Groundwater.....
 Date well started 7/6/62 Date Completed 7/12/62
 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)
8" I.D.	8" I.D.	G.L.	30'-10"			
6"	6" I.D. 19 lb to feet	8" above G.L.	74'-5"	none		



1/4 Sec. 2 T. 19 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.....feet.
 Shut-in Pressure for Flowing Well 3 lbs
 Pumping Water Level.....feet at.....gal. per minute.
 Discharge in gal. per min. of flowing well 30
 How Tested Compressor Length of Test 3 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).....
30'-10 inches of 8" pipe cemented in with 12 sacks of cement.

Licence # 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.

R118

156467

Gerda J Knudsen
to
The Public

STATE OF MONTANA
County of Lake
Filed on the 5th day of Sept.
A. D. 1962 at 3:21 P.M.
HAZEL KINNICK
County Clerk and Recorder
By G. Cowman
Deputy

File No.

T. 19 N., R. 20 W.

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 6 1963

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

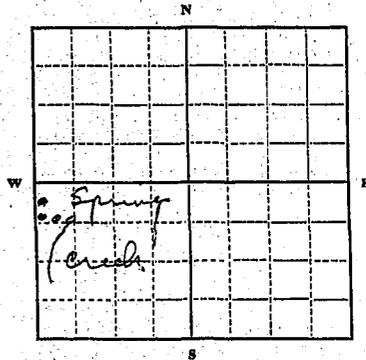
Date of Appropriation of Groundwater 1956
and Marie V. Romsa
Owner Joseph C. Romsa / Address St. Ignatius, Montana

Contractor (if any) (None) owner

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. Natural spring permits subirrigation and this is supplemented by diesel pumping unit from spring and unnamed creek formed from series of springs.



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. Approximately 1200 gallons per minute, used intermittently during summer growing season, measured by capacity of pump.

NW 1/4 SW 1/4 Sec. 13, T. 19 N. R. 20 W.
Indicate point of appropriation and place of use, if possible.

Signature of Owner Joseph C. Romsa
Marie V. Romsa

Date Nov. 30, 1963

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.

R313

162286

Water Report

James G. Marie &

Roman

to

The Public

STATE OF MONTANA

County of Lake

Filed on the 3 day of Dec

A. D. 1963 at 11:29 o'clock A.M.

HAZEL KINNICK

County Clerk and Recorder

By

E. Cowman

Deputy

13

File No.....

T. 19 N., R. 20 W.

DUPLICATE

County Lake

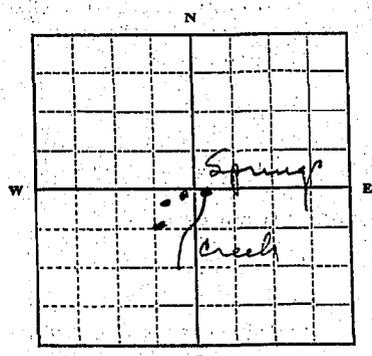
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 6 1963

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1958
Owner Joseph C. Romsa and Marie V. Romsa
Address St. Ignatius, Montana
Contractor (if any) None (owner)
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. Natural spring permits subirrigation and this is supplemented by diesel pumping unit from spring and unnamed creek formed from series of springs.

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. Approximately 1200 gallons per minute, used intermittantly during summer growing season, measured by capacity of pump.

NW 1/4 SE 1/4 Sec. 13 T. 19 N. R. 20 W.
Indicate point of appropriation and place of use, if possible.
SE 1/4 SW 1/4
NE 1/4 SW 1/4

Signature of Owner Joseph C. Romsa
Marie V. Romsa
Date Nov. 30th 1963

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.

7900

R311

162784

Water Dept
Joseph C. Martin
Romea

to

The Public

STATE OF MONTANA

County of Lake

Filed on the 2 day of Dec
A. D. 1963 at 11:24 o'clock AM

HAZEL KINNICK

County Clerk and Recorder

By C. Cowman
Deputy

200

13

File No. _____

T. 19 N. R. 20 W.

DUPLICATE

County Lake

Flowing well

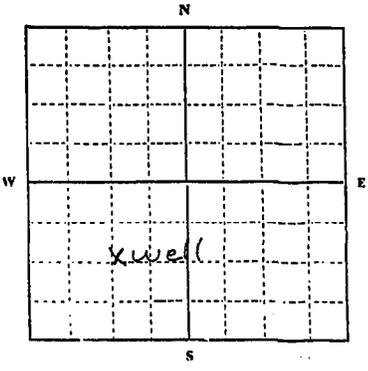
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 6 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Joseph C. Romsa & Marie V. Romsa, of St. Ignatius
(Name of Appropriator) (Address) (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 SW 1/4 Sec. 13 T19 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 domestic and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. July, 1961; continuously used since said date.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 600 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; owners, Joseph C. and Marie V. Romsa.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Free flowing cased well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Commenced July, 1961 and completed September 1, 1961
8. The depth of water table. Approximately 64 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. six inch casing 64 feet deep
10. The estimated amount of groundwater withdrawn each year. continuous flow from 400 to 600 gallons per minute.
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.

Joseph C. Romsa

Signature of Owner Marie V. Romsa

Date Nov. 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.

1904

R315

162278

Water Report

Joseph Q & Marie V.

Ronsa

To

The Public

STATE OF MONTANA

County of Lake,

Filed on the 3 day of Dec

A. D. 1963 at 11:33 clock A.M

HAZEL KINNICK

County Clerk and Recorder

By G. C. Cawner

Deputy

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—0262

File No.

T. 19^N R. 20^W

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 22 1965

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

Owner W. W. Walker Address St Ignace

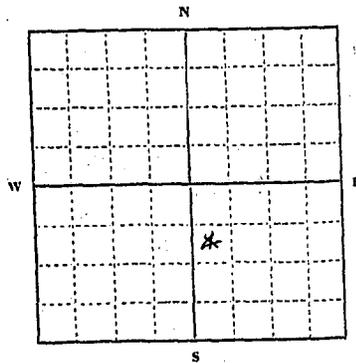
Contractor (if any)

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.....

Open spring.



NW 1/4 SE 1/4 Sec 13 T19 R.20

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

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

estimate approximate lengths of periods of use.....

approximate 1" flow
used for stock

Signature of Owner W. W. Walker

Date 6/18/65

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.

File No. _____

DUPLICATE

Approved State Form - State Publishing Co., Helena, Montana - 7267

T. 19 R. 20

County Silver

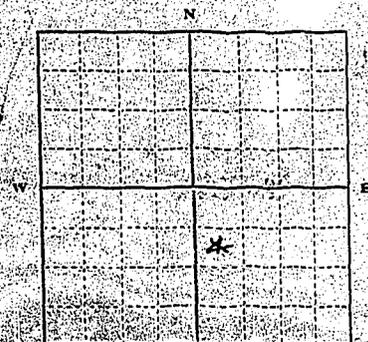
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 22 1965
ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater _____
Owner Ed Smith Address St Ignace
Contractor (if any) _____
Address of Contractor _____
Date Started _____ Date Completed _____



NW 1/4 SE 1/4 Sec 13 T19 R20
Indicate point of appropriation and place of use, if possible.

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

Open springs

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.

approximate 100 gals per acre

Signature of Owner Ed Smith
Date 6/18/65

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.

39245

R 999

171005

U. W. Walker
to
The Public

STATE OF MONTANA } ss
County of Lake
Filed on the 18 day of June
A. D. 1965 at 1:34 o'clock P. M.
HAZEL KINNICK
County Clerk and Recorder
By E. Cowman
Deputy

213

File No.

T. 19^N R. 20^W

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964
STATE ENGINEER

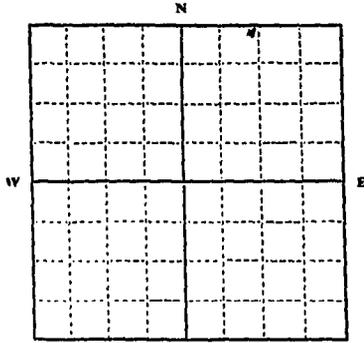
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ural William Walker, of Saint Ignatius
(Name of Appropriator) (Address) (Town)

County of _____ State of Montana

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



N 19^N R. 20^W Sec. 13 T. 19 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 Livestock

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3.2 G.P.M.

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

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

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

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 8 inch casing approximately 75 feet deep

10. The estimated amount of groundwater withdrawn each year 45 000 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

Signature of Owner U. W. Walker

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.

17406

R-599

162976

Water Report
U. W. Walker
to
The Public

STATE OF MONTANA
County of Lake
Filed on the 30 day of Dec
A. D. 19 at 12:00 clock M
HAZEL KINNICRAK
County Clerk and Recorder

1920

Deeds

File No. _____

T. 19^N R. 20^W
County Lake

DUPLICATE

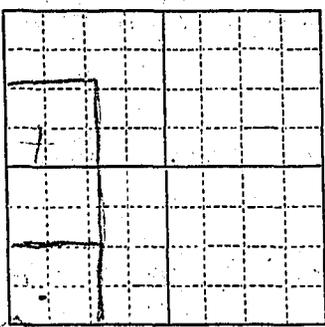
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Richard Andersen, of B.X 150 St Ignace
(Name of Appropriator) (Address) (Town)
County of Lake 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. 14 T. 19 R. 20

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. Stock water household & irrigating garden
- Date or approximate date of earliest beneficial use; and how continuous the use has been. 1942 immediately after completion continuously thereafter
- The amount of groundwater claimed (in miner's inches or gallons per minute) _____
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof _____
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric jet well pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Completed Oct 1942
- The depth of water table. 170 ft
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. drilled well 110 feet deep and a 5 inch casing water rises within 20 feet of top
- The estimated amount of groundwater withdrawn each year. _____
- The log of formations encountered in the drilling of each well if 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. _____

Signature of Owner. Richard Andersen
Date 12-26-63

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.

R-471

162758

Water Report
Richard Andersen
to
The Public

STATE OF MONTANA
County of Lake,
Filed on the 26 day of Dec.
A. D. 1963 at 1:05 o'clock P.M.
HAZEL KINNICK
County Clerk and Recorder
M. Kraus
Deputy

\$2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—42325

File No. _____

STATE WATER CONSERVATION BOARD

T. N 19 R. W 20

FEB 17 1966

DUPLICATE

Billie _____ McDermott _____
Sullivan _____ McNulty _____
Co. _____ Morton _____
Dicker _____ Sullivan _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0 to 32' Clay, gravel & Boulders
32' to 36' Gravel & water
36' to 48' Clay & gravel
48' to 63' Tan clay
63' to 158' Clay & gravel
158' to 161' Clay, gravel
& silty water
161' to 263' Clay & gravel
263' to 286' Clay, gravel
& boulders
286' to 290' Silty clay
& sand
290' to 291' Sand gravel & water
291' to 300' Clay & gravel
300' to 302' Gravel & water

Owner: F. Sheldon Dart Address: Charlo, Mont

Driller: Glenn Camp 705 Alder Address: Missoula, Mont

Date of Notice of appropriation of groundwater: _____

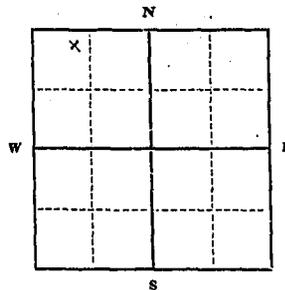
Date well started: 1/10/66 Date completed: 2/2/66

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"	6" I.D. 19# to ft	2'-7" above	G.L.			
		to	305'-1"	none		



Static Water Level for non-flowing well 143 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level: 144 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well _____

Compressor test 60 G.P.M.

How Tested: Boiler test 30 G.P.

Length of Test: 2 hours

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

NE 1/4 NW 1/4 NW 1/4 Sec. 14, T. 19 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).

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

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

License # 7

Driller's License Number

Glenn Camp
Driller's Signature

40851

Show exact depth of bottom.

R1030

174339

Well Report
of Sheldon Hart
to
The Public

OFFICE OF THE STATE GEOLOGIST
STATE OF MONTANA

STATE OF MONTANA
County of Lake

Filed on the 15 day of Feb
A. D. 1966 at 1:40 o'clock PM

HAZEL KINNICK
County Clerk and Recorder
By Carrie C. ...
Deputy

File No. NOV 18 1965

T. 19 R. 20 W

DUPLICATE Bu' Co. Darunt Bickett McDer' it. STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

County LAKE

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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

W	N	X						E

1/4 Sec. 14 T. 19 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... Farmstead
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been... June 1952 all the time
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 700 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
- 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... May 1952 - June 1952
- 8. The depth of water table... 220 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... Six inch steel casing Piston Pump pressure at 45 lbs. working load
- 10. The estimated amount of groundwater withdrawn each year... 135 gallons per day
- 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... This is to correct R -169 filed June 17, 1963 in which the Section was given as 10, and should be 14 as shown in this refileing.

Signature of Owner Lester R. Olsen Date 11-16 -1965

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. 39838

R1014

173031

Water Report
Lester R Olsen
to
The Public
Correction of
R-169

STATE WATER CORPORATION BOOK

STATE OF MONTANA }
County of Lake } ss
Filed on the 16 day of November
A. D. 1965 at 3:25 o'clock P M
HAZEL KINNICK
County Clerk and Recorder
By James Cowman
Deputy

14

File No.....

T 19 N. R. 20 W.

DUPLICATE

County.....

RECEIVED
DEC 6 1963

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)

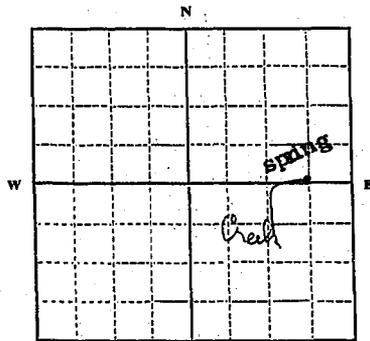
Year of Appropriation of Groundwater 1958
and Marie V. Romsa
Owner Joseph C. Romsa / Address St. Ignatia, Montana

Contractor (if any) (None) owner

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. Natural spring permits subirrigation and this is supplemented by diesel pumping unit from spring and unnamed creek formed from series of springs.



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. Approximately 1200 gallons per minute, used intermittently during summer growing season, measured by capacity of pump.

SE 1/4 NE 1/4 Sec. 14 T19 N. R. 20 W.

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

NE 1/4 SW 1/4
SE 1/4 SW 1/4

Joseph C. Romsa

Signature of Owner: Marie V. Romsa

Date: Nov. 30, 1963

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.

7903

R314

165287

Water Report
Joseph C. & Marie J.
Romosa
to
The Public

STATE OF MONTANA

County of Lake,

Filed on the 3 day of Dec

A. D. 1963 at 31 o'clock 9 M

HAZEL KINNICK

County Clerk and Recorder

By G. Lewman

200

Deputy

File No.

T. 19^N R. 20^W

DUPLICATE

County Lake

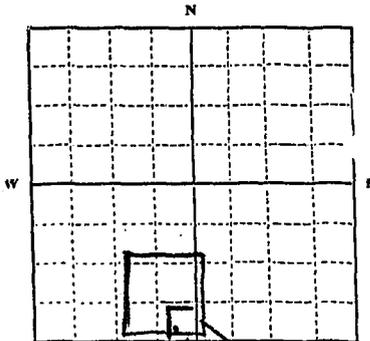
STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

RECEIVED
 JAN 17 1964

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

1. George D. Rowland, of Rt 1 Box 152 St. Ignatius
 (Name of Appropriator) (Address) (Town)
 County of Lake State of Montana

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



W 1/2 S 1/2 SW 1/4
1/4 Sec 11, T 19 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, livestock and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. well drilled 1940 or prior and has been used continuous since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 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 for irrigation of lawn and garden of owner - 1/2 acre
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1940 or prior
8. The depth of water table. 50 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 6" diameter drilled well 127 feet deep
10. The estimated amount of groundwater withdrawn each year. 750,000 gallons 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. not available

Signature of Owner George D. Rowland
 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.

R917 163760

STATE OF MONTANA

County of Lake,

Filed on the 14 day of *Jan*

A. D. 1964 at 2:30 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By *E. Cronen*

Deputy

File No. _____
DUPLICATE

T. 19^N R. 20^W 14
County Lake

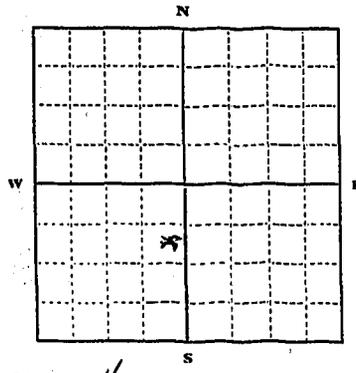
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Arnold as Father Robert, of St Ignace
(Name of Appropriator) (Address) (Town)
County of Lake State of Montana
have appropriate groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Ne 1/4 Sec. 14 T. 19 R. 20

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. Dairy, Household, Stock and Commercial
- Date or approximate date of earliest beneficial use; and how continuous the use has been. Approx. date 1945
continuous use
- The amount of groundwater claimed (in miner's inches or gallons per minute). 2 gallons per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Not used for irrigation
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Not known
- The depth of water table. 25 feet
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Dug well, 26 inches in diameter, steel casing
depth 30 feet
- The estimated amount of groundwater withdrawn each year. 1,051,200
- The log of formations encountered in the drilling of each well if available. Clay (as I heard)
- 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 information that would apply to this well

Signature of Owner Arnold Robert
Date December 31, 1963

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

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

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

R-702
163043

Ronald Zerbst

STATE OF MONTANA
County of Lake,
Filed on the 31 day of Dec
A. D. 1963 at 9:39 o'clock AM
HAZEL KINRICK
County Clerk and Recorder
By W. Kraus
Deputy

File No. _____

T. 19th R. 20th

QUADRUPLICATE

County LAKE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 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 2950)

69' of Clay + Gravel
3' of Sand + Water
14' of Sandy Clay
8' of Sand
2' of Gravel + Water

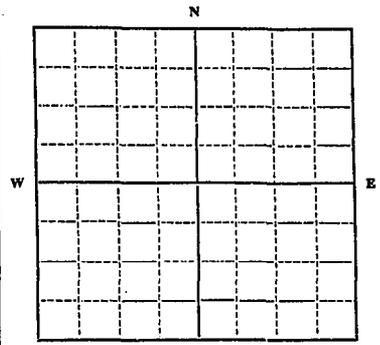
Owner Arnold Zerbst Address St. Ignace Mont.
 Driller Fred Morrison Address Pablo Mont.
 Date of Notice of Appropriation of Groundwater _____
 Date well started Oct. 8, 1964 Date Completed Oct. 17, 1964
 Type of well Drilled Equipment Used Churn
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)

Surface Water from _____
 14' to 28', 1 Gallon Minute
 Sand + Water from _____
 68' to 71', 3 Gallons Minute
 Gravel + Water from _____
 94' to 96', 10 Gallons Minute

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"	19 pounds to foot	20" above ground level	96' below ground level			



MT. S.W. 1/4 Sec. 14 T. 19 R. 20
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 35' from ground level feet.
 Shut-in Pressure for Flowing Well _____
 Pumping Water Level 65' feet at 10 gal. per minute.
 Discharge in gal. per min. of flowing well _____
 How Tested Pumps Length of Test 10 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) _____

Show exact depth of bottom.

108
 Driller's License Number
Fred Morrison
 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.

38650

R 964

167664
Well Report
Arnold Zerbet
to
The Public

STATE OF MONTANA }
County of Lake, } ss
Filed on the 9 day of Nov
A. D. 1964 at 3:30 o'clock P.M.
HAZEL KINNICK
County Clerk and Recorder
By S. Cowman
200 Deput

File No. _____

T. 19^N R. 20^W

DUPLICATE

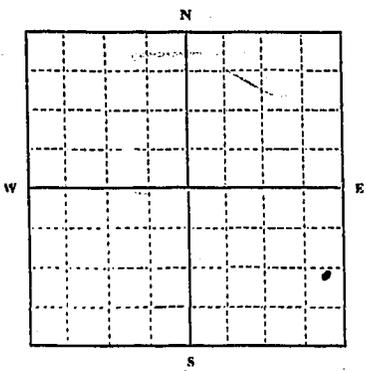
County. LAKE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 13 1963
STATE ENGINEER

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

1. FRANCIS W. ROLLINS, of ST. IGNATIUS, (Name of Appropriator) (Address) (Town)
County of LAKE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE SE 1/4 Sec 15 T19 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 Domestic
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1957 or before
- The amount of groundwater claimed (in miner's inches or gallons per minute)
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof HOUSE, GARDEN & LAWN
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater D.N. KNOWN
- The depth of water table 190'
- 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 1/2" casing, 315' deep
Submersible pump located app. 170' down from ground level
- The estimated amount of groundwater withdrawn each year
- The log of formations encountered in the drilling of each well if available. U.N. KNOWN
- 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 Francis W. Rollins
Date Dec 5, 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.

8905

R327
162377
Water Report
Francis W. Rollins
to
The Public

STATE OF MONTANA } ss
County of Lake,
Filed on the 5 day of Dec
A. D. 1963 at 3:15 o'clock P.M.
HAZEL KINNICK
County Clerk and Recorder
By E Cowman Deputy

File No.

RECEIVED

T. 19N R. 20W

DUPLICATE

FEB 21 1967

County Lake

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground Approx.
(Elev. above sea level 3100')

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 - 1 Black dirt.
- 1 - 46 Gravel & cobbles imbedded in tan clay. Seeps of dirty water.
- 46 - 90 Gravel imbedded in tan clay.
- 90 - 148 Sand and gravel imbedded in tan silty clay.
- 148 - 361 Gravel imbedded in tan clay.
- 361 - 368 Gravel imbedded in yellow clay.
- 368 - 457 Gravel imbedded in tan clay.
- 457 - 469 Blue sand and gravel. Some gray clay.
- 469 - 494 Brown gravel mixed in yellow to brown clay. Seeps of water.
- 494 - 501 Brown sand and gravel imbedded in mustard colored clay.
- 501 - 508 Brown silty sand and gravel.
- 508 - 512 Brown and yellow sand and gravel. Clean water.
- 512 Yellow clay with a few gravels imbedded.

Owner: Thomas W. or Leila V. Roberts Address Charlo, Montana

Driller: Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

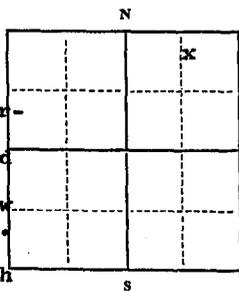
Date well started 9/28/67 Date completed 10/19/67

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" OD x 1/4"	+1	512	N	O	N



Static Water Level for non-flowing well 161 feet.

Shut-in Pressure for Flowing Well Non-f

Pumping Water Level 275' feet at 42 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 entering well is coming through the open bottom of six inch casing. Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates less than 25 to 50 percent of the tested capacity.

Water rises in the well 161 feet from surface.

1/4 of NE 1/4 Sec. 17, T. 19N R. 20W. Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Show exact depth of bottom. Bottom of hole 512'

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 F. Osborne
Driller's Signature.

45,012

STANDARD

R-1140

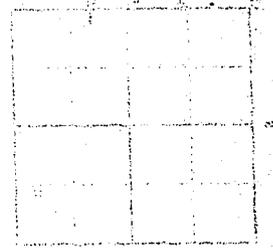
187867

Well Report

Thomas W. or
Leila V. Roberts

&
The Public

STATE OF MONTANA } ss
County of Lake }
Filed on the 19 day of Feb
A.D. 1919 at 12:10 o'clock P.M.
ETHEL M. HARDING
County Clerk and Recorder
By *Jewell Burt*
Deputy



R-1442

#209126

PAUL H. CHRISTIANSEN

TO

THE PUBLIC

WELL REPORT

STATE OF MONTANA }
County of Lake } 96

Filed on the 20 day of April

A. D. 1973 at 2:30 o'clock P.M.

ETHEL M. HARDING

County Clerk and Recorder

By Jewell B. [Signature]
Deputy

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. _____

T. 19N R. 20W 18
County LAKF

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964

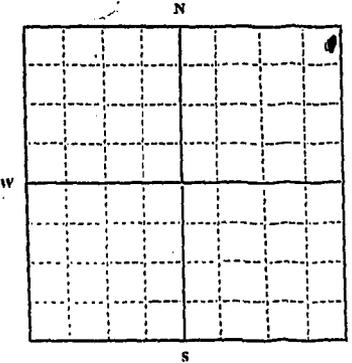
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. J. Viola Herak, of _____, 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:



70° 42' 18" Sec. 19 T. 20 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. _____

Water for cattle, house,

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

1955

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

25 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. _____

about 1 acre

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. _____

1955

8. The depth of water table. _____

117

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. _____

500 ft deep

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

400,000

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

not available

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

Signature of Owner J. Viola Herak

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.

28961

R884
163270



STATE OF MONTANA
County of Lake,
Filed on the 3 day of Jan
A. D. 1967 at 4:30 o'clock P. M.
HAZEL KINNICK
County Clerk and Recorder
By E. C. C. C. C.
Deputy

File No.

T. 19^N R. 20^W 18

DUPLICATE

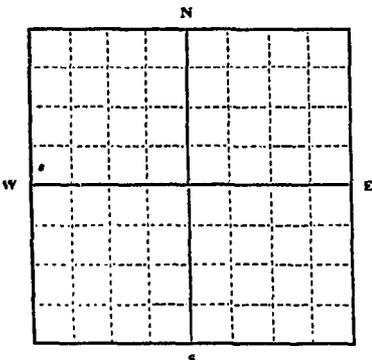
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 2 1964

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

1. Alvin Long & Lillian E. Long, of Rt. 1 Box 95 Charlo
(Name of Appropriator) (Address) (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NW Sec. 18 T. 19. 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 house well
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1943 - used continually
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 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 shallow well pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater About 1943
- 8. The depth of water table 10 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 shallow well about 2 inches - about 25 feet
- 10. The estimated amount of groundwater withdrawn each year 18,250 gallons
- 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 Alvin Long
Lillian E. Long
Date December 28, 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.

R-675

163012

Water Report

Alvin + Lillian E.

Song

To

The Public

STATE OF MONTANA

County of Lake,

Filed on the 30 day of ^{ss} *Dec*

A. D. 1903 at 4:40 clock P. M.

Skinner

County Clerk and Recorder

By _____

Deputy

GW 3

File No.

ORIGINAL

MONTANA WATER RESOURCES BOARD

RECEIVED

NOV 12 1970

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

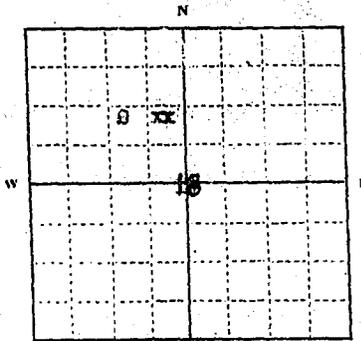
Date of Appropriation of Groundwater Jan. 21, 1970
Alfred J. Rosenbaum

Owner & Annie Rosenbaum Address Charlo, Montana

Contractor (if any) None

Address of Contractor _____

Date Started 5-10-70 Date Completed 10-15-70



SE 1/4 NW 1/4 ~~18~~ Sec 18 T. 19 N. R. 20 W.

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

Doc. No. 192137
Filed for record
this 26 day of January
A. D. 19 70, at 11:45
o'clock P.M.

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Pump

2) Means of withdrawing water (gravity, pump, canal, etc.) Pump

3) Depth of water table 8 to 14 feet

4) Use of the water Stock, irrigation and domestic

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 10 gallon per minute

6) If used for irrigation, give number of acres and description of land 2 pieces SE 1/4 NW 1/4 Sec 18 : T 19 N - R 20 W

7) Estimate amount of water used each year 500,000 gallons per year.

Signature of Owner Alfred J. Rosenbaum
Annie Rosenbaum

Date 1-21-70

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.

47735

STATE OF MONTANA,

County of Lake) ss.

Alfred J. Rosebaum having first been duly sworn, deposes and says that they of lawful age and are the appropriator and claimant s of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person s whose name s subscribed thereto, as the appropriator s and claimant s, that they know the contents of said foregoing notice and that the matters and things therein stated are true.

Alfred J. Rosebaum
Annie Rosebaum



Subscribed and sworn to before me, this 26th day of January, 1970

Ethel M. Harding
Notary Public for the State of Montana.

Residing at Balsam, Montana

My Commission expires 9-10 1970

R-1185
192137

ALFRED J. & ANNIE
ROSEBAUM

TO

THE PUBLIC

Will Report

STATE OF MONTANA) ss
COUNTY OF LAKE)

Filed on the 26 day of
Jan. A.D. 1970 at
10:45 A.M.

ETHEL M. HARDING

County Clerk and Recorder

Jessie Peck
Deputy

File No.

RECEIVED

T. 19 N. R. 20 W.

DUPLICATE

JAN 27 1970

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Jan. 21, 1970

Alfred J. Rosenbaum

Owner & Annie Rosenbaum Address Charlo, Montana

Contractor (if any) None

Address of Contractor

Date Started Date Completed

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Pump

2) Means of withdrawing water (gravity, pump, canal, etc.) Pump

3) Depth of water table 8 to 14 feet

4) Use of the water Stock, irrigation and domestic

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 10 gallon per minute

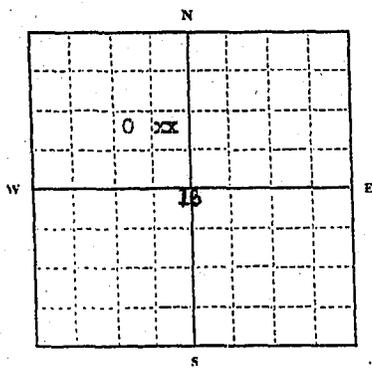
6) If used for irrigation, give number of acres and description of land

7) Estimate amount of water used each year

500,000 gallons per year

Signature of Owner Alfred J. Rosenbaum

Date 1-21-70



SE 1/4 NW 1/4 Sec 18 T. 19. R. 20

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

Doc. No. 192137
Filed for record
this 26 day of January
A. D. 19 70, at 10:45
o'clock a M.

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.

46110

R-1185

192137

ALFRED J. & ANNIE
ROSENBAUM

TO

THE PUBLIC

Well Report

STATE OF MONTANA)ss
COUNTY OF LAKE)

Filed on the 26 day of
Jan. A.D. 1970 at
10:45 A.M.

ETHEL M. HARDING
County Clerk and Recorder

Jowell Bentz
Deputy

SE 1/4 NW 1/4 SA Sec. 18 T. 19 R. 20
Indicate point of appropriation

2) Name of pump

Pump

3) Depth of water table..... 8 to 11 feet
Stock, irrigation and domestic

4) Use of the water.....
Use of the water

Amount of groundwater claimed (in minner's inches, or gallons per minute)

ORIGINAL

T. 19
R. 20
County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

Developed After January 1, 1962

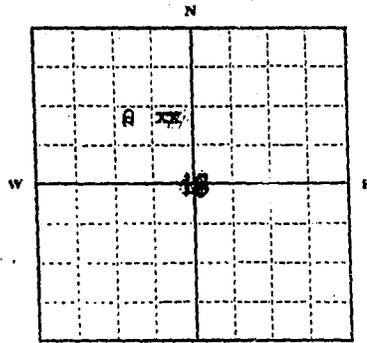
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Jan. 21, 1970
Alfred J. Rosenbaum
Owner & Annie Rosenbaum Address. Charle, Montana

Contractor (if any)..... None

Address of Contractor

Date Started Date Completed.....



SE 1/4 NW 1/4 18 Sec 18 T. 19 R. 20

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

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) ~~Pump~~

2) Means of withdrawing water (gravity, pump, canal, etc.).....

Pump

3) Depth of water table..... 8 to 11 feet

4) Use of the water..... Stock, irrigation and domestic

5) Amount of groundwater claimed (in miner's inches, or gallons per minute)..... 10 gallon per minute

6) If used for irrigation, give number of acres and description of land.....

2 pieces SE 1/4 NW 1/4 Sec 18 : T. 19 N - R. 20 W

7) Estimate amount of water used each year.....

500,000 gallons per year.

Signature of Owner..... Alfred J. Rosenbaum
Annie Rosenbaum

Date..... 1-21-70

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.

County of Lake Alfred J. Rosenbaum having first been duly appointed and
say that they of lawful age and are the appropriator
and claimant s of the order and water right mentioned in the foregoing notice of
completion of groundwater appropriation without well and the person s whose names
subscribed thereto, as the appropriator s and claimant s, that They know the
contents of said foregoing notice and that the matters and things therein stated are true.

Alfred J. Rosenbaum
Annie Rosenbaum

Subscribed and sworn to before me, this 26th day of January, 19 70

Ethel M. Hardins
Notary Public for the State of Montana.

Residing at Bellevue, Montana

My Commission expires 9-10 19 70

R-1185
192137

ALFRED J. & ANNIE
ROSENBAUM

TO

THE PUBLIC

Will Report

STATE OF MONTANA) ss
COUNTY OF LAKE)

Filed on the 26 day of
Jan. A.D. 1970 at
10:45 A.M.

EHEL M. HARDINS
County Clerk and Recorder

Janeel Beatty
Deputy

MONTANA WATER RESOURCES BOARD
RECEIVED
JAN 27 1970

...the appropriate
...the foregoing notice
...the person
...right mentioned in
...having first been duly sworn, deposes
...lawful age and
...STATE OF MONTANA

Charle Mont, Feb 13-1970

RECEIVED

FEB 16 1970

Mr. Douglas G. Smith.

Dear Sir:

I am not sure if they at the Clerk & Recorder office gave me the right form. I am in the process of developing the spring but it is not complete and I am not yet sure when I can finish financing for them. Please let me know what I should do and want this water to be part of my farm.

Sincerely yours

Alfred J. Rosenbaum

— The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

X — The form is incomplete. 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 indicate dates of commencement and completion of spring development. Describe means of obtaining Groundwater or how it was developed.

— Other.

— County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.

Douglas G. Smith

Signature of Owner

Alfred J. Rosenbaum

Date: 1-21-70

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.

Handwritten initials or mark.

MONTANA WATER RESOURCES BOARD
RECEIVED

FEB 16 1970

MONTANA WATER RESOURCES BOARD
Groundwater Division
Mitchell Building
Helena, Montana 59601

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 Alfred and Annie Rosenbaum Address Charlo, Montana 59824

Location T. 19N., R. 20W., Sec. 18 Document No. 192137

The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

The form is incomplete. 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 indicate dates of commencement and completion of spring development. Describe means of obtaining Groundwater or how it was developed.

Other.

County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.

Douglas G. Smith

Signature of Owner *Alfred Rosenbaum*

Date *1/21/70*

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.

JAN 27 1970
FEB 16 1970

T. 19 R. 20
County Lake

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Jan. 21, 1970
Owner Alfred J. Rosenbaum
Address Charles, Montana
Contractor (if any) None
Address of Contractor

Date Started Date Completed

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)

I haven't completed the development as of now. I use it for stock water now well finish as soon as finances permit.

2) Means of withdrawing water (gravity, pump, canal, etc.)

Pump

3) Depth of water table 8 to 11 feet

4) Use of the water Stock, irrigation and domestic

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 10 gallons per minute

6) If used for irrigation, give number of acres and description of land

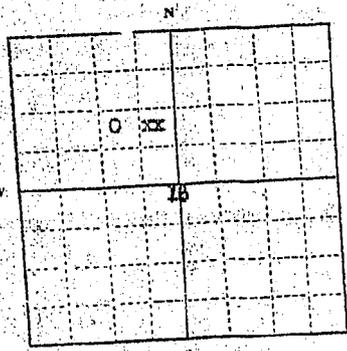
2 pieces SE 1/4 NW 1/4 Sec 18 T 19 R 20 W

7) Estimate amount of water used each year

500,000 gallons per year

Signature of Owner Alfred J. Rosenbaum

Date 1-21-70



SE 1/4 NW 1/4 Sec 18 T 19 R 20

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

Doc. No. 192137
Filed for record
this 26 day of January
A. D. 1970, at 10:45
o'clock A.M.

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.

4-110

MONTANA WATER RESOURCES BOARD
 RECEIVED
 FEB. 16 1970
 JAN. 27 1970

DUPLICATE

County Lake

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

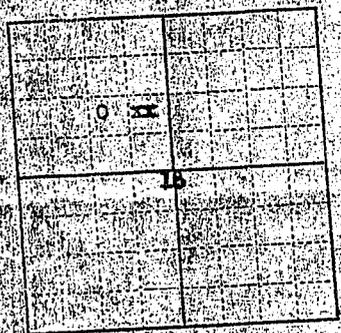
Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater Jan. 21, 1970
 Owner Alfred J. Rosenbaum Address Charis, Montana
 Contractor (if any) None
 Address of Contractor _____

Date Started _____ Date Completed _____



SE 1/4 NW 1/4 Sec 18 T. 19 R. 20

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

Doc. No. 192137
 Filed for record
 this 26 day of January
 A. D. 19 70 at 10:45
 o'clock A M.

- 1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) None
I haven't completed the development of well. I use it for stock water now. Well finish as soon as finance permit.
- 2) Means of withdrawing water (gravity, pump, canal, etc.) Pump
- 3) Depth of water table 8 to 11 feet
- 4) Use of the water Stock, irrigation and domestic
- 5) Amount of groundwater claimed (in minor inches or gallons per minute) 10 gallon per minute
~~100,000 gallons per minute~~
- 6) If used for irrigation, give number of acres and description of land
2 pieces SE 1/4 NW 1/4 Sec 18 T. 19 R. 20
- 7) Estimate amount of water used each year
500,000 gallons per year

Signature of Owner Alfred J. Rosenbaum
Alfred J. Rosenbaum
 Date 1-21-70

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.

RECEIVED

FEB 16 1970

DUPLICATE

JAN 27 1970

County: Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

Developed After January 1, 1962

(Under Chapter 297 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Jan. 21, 1970

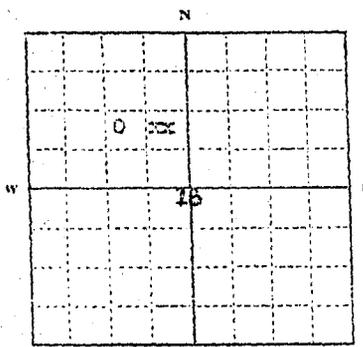
Alfred J. Rosenbaum

Owner: Alfred J. Rosenbaum Address: Charles, Montana

Contractor (if any): None

Address of Contractor: _____

Date Started: _____ Date Completed: _____



1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.): None

I haven't completed the development as of now, I use it for stock water now. Well finish as soon as finances permit.

2) Means of withdrawing water (gravity, pump, canal, etc.): _____

3) Depth of water table: 8 to 14 feet

4) Use of the water: stock, irrigation and domestic

5) Amount of groundwater claimed (in miner's inches, or gallons per minute): 10 gallon per minute

6) If used for irrigation, give number of acres and description of land: _____

7) Estimate amount of water used each year: _____

500,000 gallons per year

Signature of Owner: Alfred J. Rosenbaum

Alfred J. Rosenbaum

Date: _____

SE 1/4 NW 1/4 S 16 T. 19 R. 20

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

Doc. No. 192137

Filed for record

This 21st day of January

A. D. 19 70, at 10:45

o'clock a.M.

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.

10/11/70