

File No.

T. 18 R. 10

TRIPPLICATE

County Judith Basin

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0	20	Drift
20	40	Red shale
40	62	Sandy shale
62	105	Hard rock and varietal shales
105	120	Hard white sandrock
120	150	Layers of hard rock and varietal shale
150	170	White sandstone water

Top of Ground

(Elev. above sea level.....)

Owner L. Geysler, Montana
Address Leviatona
Driller George O. Singley
Address Lewistown, Montana

Date of Notice of appropriation of groundwater..... None

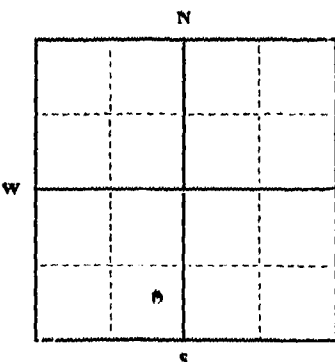
Date well started Feb. 10, 1968 Date completed Feb. 20, 1968

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drill-hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7-7/8		0	27			
5-5/8		27	62			
4-3/4		62	170			
	4" OD 4 1/2" ID above 6.75" Galv G. 1" 2" PVC	62	170	5/16 holes	150	170



SE 3/4 Sec. 18, T. 17, R. 10
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well

None feet.

Shut-in Pressure for Flowing Well APPROX. 204

Pumping Water Level None feet

at 0 gal. per minute.

Discharge in gal. per min. of flowing well

35

How Tested Measured

Length of Test 5 min.

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

Galv. casing cemented

(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 419

Driller's Signature George O. Singley


44,133

File No. 716

Ethel L. Karjala

State of Montana
County of Judith Basin

Filed this 15th day of
May A. D. 1968 at 11:30
A.M.


County Clerk

Fee \$2.00 Paid.

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 Kolar Bros
Address Geysers, Montana
Date well started 9/20/70
completed 10/18/70

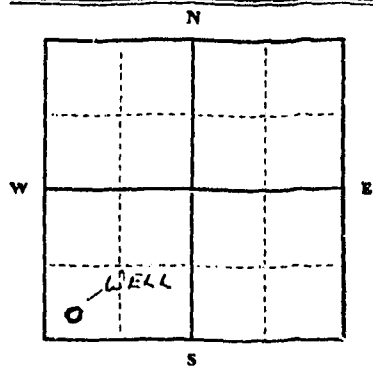
For Administrator's Use
File
GW 1

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

*Describe 1 Acre (Garden)
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 72,000 Gals.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>5 1/2</u>	<u>2"</u>	<u>5'</u>	<u>530'</u>	<u>None</u>	<u>--</u>	<u>--</u>
<u>3 1/2</u>	<u>Weight unknown</u>					



SW 1/4 Sec. 32
T. 10 N. R. 10

Static water level Flowing ft.*
Pumping water levelft.*
at 35 Gpm. gallons per minute,
measured 60 minutes after pumping
began.
*Measured from ground level.
Well developed by
for hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)
Cemented at 530 feet with
gate valve shut-off.

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

Driller's Signature Kolar Bros By [Signature]
Driller's Address Geysers, Montana

DRILLER'S LOG

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

Top of Ground (Elev. above sea level) <u>3800'</u>		
From (Feet)	To (Feet)	
<u>0</u>	<u>10</u>	<u>Overburden</u>
<u>10</u>	<u>35</u>	<u>Gray sandstone</u>
<u>35</u>	<u>180</u>	<u>Gray shale with some bentonite</u>
<u>180</u>	<u>190</u>	<u>Gray sandy shale with small amount of water</u>
<u>190</u>	<u>210</u>	<u>Gray sandy shale - very hard at 210 feet</u>
<u>210</u>	<u>210</u>	<u>Gray sandy shale</u>
<u>250</u>	<u>312</u>	<u>" " "</u>
<u>312</u>	<u>425</u>	<u>Red sandy shale - very hard at 425 feet</u>
<u>425</u>	<u>530</u>	<u>little change - very hard at 530 feet</u>
<u>530</u>	<u>574</u>	<u>Same - very hard at 574 ft.</u>
<u>574</u>	<u>575</u>	<u>Same, with 5 gpm water</u>
<u>575</u>	<u>590</u>	<u>Red sandy shale</u>
<u>590</u>	<u>648</u>	<u>Intermittent hard and soft layers of sand stone with some pyrite black sand stone and layers of conglomerate at 648 feet</u>
<u>648</u>	<u>663</u>	<u>Hard sand stone with no increase of water. well finished at 663 ft.</u>

LICENSE NO. 663 feet Show exact depth of bottom

130559 #734

Kolar Brothers

Drilled Well

SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec.32, R.19, T. 10

State of Montana

County of Judith Basin

Filed for record this

10th day of September

1971 A. D. at 3:00 P. M.

Delight Leslie, Co.Clerk

By Marian Billadsen

Deputy

Fee: \$2.00 paid

File No.

T. 18 N R. 10 E

DUPLICATE

County. Judith Basin

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. 1958
Owner. Sigurd E. Anderson and Emma J. Anderson
Address. Gayser, Montana

Contractor (if any) Mr. Ralston

Address of Contractor Garnsill

Date Started. 1958 Date Completed. 1958

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

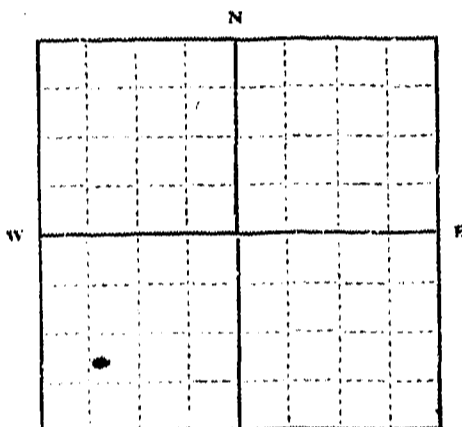
Dug into Spring about 10 ft.

Flowing Spring.

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.

5 and 8 gallons per minute.



SW 1/4 Sec. 34 T. 18 R. 10

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

Signature of Owner Sigurd E. Anderson

Date. Dec. 20th, 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.

337

GROUNDWATER APPROPRIATION
SIGURD A. ANDERSON

SWSW Sec. 14-18-10

122064

State of Montana

County of Judith Basin

Filed for record this 20th
day of Dec. A.D. 1963 at
2:20 o'clock P.M.

Delight Leslie, Clerk & Rec.

By Betty Ann Brown Rep.

File No.

T 18 R 10

DUPLICATE

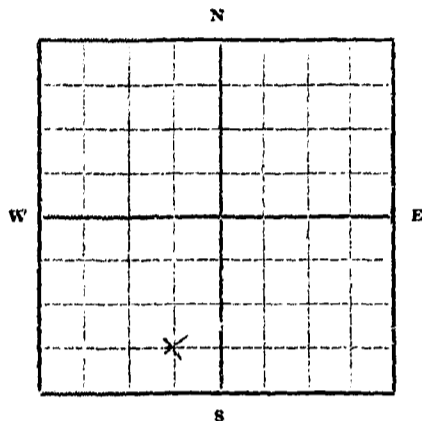
County Judith Basin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. George Aro or Anna Aro of Geysor Montana
(Name of Appropriator) (Address) (Town)
County of Judith Basin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SESW 1/4 Sec 35 T. 18 R. 10.

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 irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 5, 1954

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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 1 acre

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 9, 1954, completed August 4, 1954

8. The depth of water table 760 feet small amount of water

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 813 ft deep, 2" Galv. pipe, has a valve shut off and the pipe is cemented.

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 Yes

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 Anna M. Aro
George Aro

Date Jan 4, 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.

1069

0	105	Blue Shale
105	121	Blue Shale
121	122	Hard sandy reef
122	285	Blue Sandy shale
285	305	Grey Shale
305	385	Grey Shale
385	455	Grey Shale, alternating layers of hard sandstone, and sandy shale
455	485	Alternating layers of hard sandstone and sandy shale
485	565	Sandy red shale
585	624	Soft muddy red shale
624	633	Alternating layers of hard sandstone and sandy shale
633	654	Sandy red shale
654	662	Sandstone
662	695	Red Shale
695	704	Sandy red shale
704	710	Hard sandstone
710	721	Hard sandstone
721	764	Sandstone, small amount of water at 760
764	797	Sandstone
797	798	Hard sandstone
798	809	Soft coarse sandstone, about 15 gal per min.
809	811½	Red Shale
811½	813	Set 2" Galv. pipe.

118686

Declaration of Banded Water R.

George Aro et ux

SESW Sec. 35, T. 18, R. 10

Filed for record this 4th day of
January at 11:30 A.D. 1962.

Delight Leslie, Clerk Rec

by Betty Overman Dep

See 2-2-62

File No.

T. 18 R. 11
County Judith Basin

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

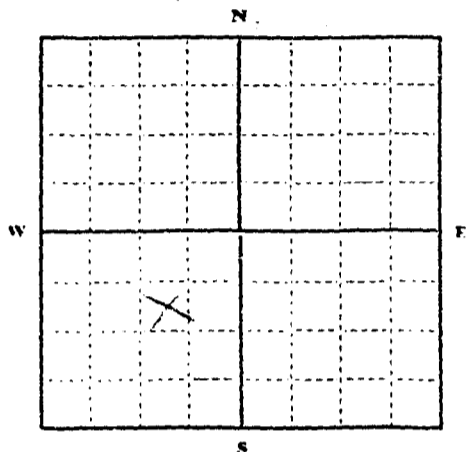
RECEIVED
JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Earl Rautio, of Hayes
(Name of Appropriator) (Address) (Town)
County of Judith Basin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 30 T. 18 R. 11

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
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 25 years of continuous use
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200,000 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 water pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1938
- 8. The depth of water table 60 ft
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 100 ft deep
- 10. The estimated amount of groundwater withdrawn each year 200,000 gallons
- 11. The log of formations encountered in the drilling of each well if available Don't know
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Earl Rautio
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.

File No. 572

Carl Rautio

Sec. 30-18-11

State of Montana
County of Judith Basin

Filed this 31st day
of December A. D. 1963 at
3:14 o'clock P.M.

Walter K. Kessler
County Clerk.

Fee \$2.00 Paid.

File No. _____

T 18 R 11

DUPLICATE

County Judith Basin

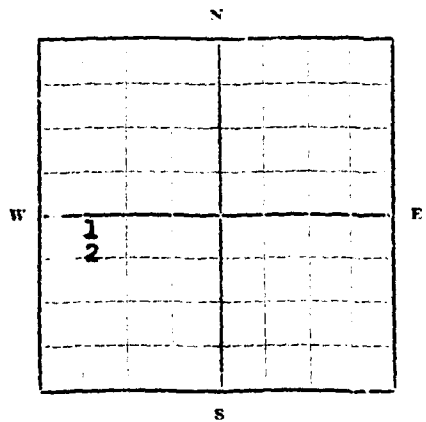
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alex Kraftenberg of Geysers
(Name of Appropriator) (Address) (Town)

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



NWSW 1/4 Sec. 31 T 18 R 11

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
both wells for stock and household and garden irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Well No. 1 about 1910
Well No. 2 1955

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
Well No. 1 12 gallon per min.
Well No. 2 12 gallon per min

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
No. 1 pump jack with electric motor
no. 2 Jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Well no. 1 was dug about 1910 drilled 85'
Well No. 2 drilled 85' deep

8. The depth of water table 50 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Well No. 1 cased with galvanized 6" casing to a depth 85'
Well No. 2 iron casing 6" to depth of 85'

10. The estimated amount of groundwater withdrawn each year unknown

11. The log of formations encountered in the drilling of each well if available
no logs 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 Alex Kraftenberg
Date Dec. 12, 1963

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

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

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

No. 294

Vested Groundwater Rights
ALEX KRAPPENBERG

NW 1/4 Sec. 31-18-11

121975

State of Montana

County of Judith Basin

Filed for record this 12th
day of Dec. A.D. 1963 at 9:00
o'clock A.M.

Delight Leslie, Clerk and Rec.

by _____ Dep.

Fee \$2.00 pd.

File No. B1(2)

T. 18N R. 11E MPM

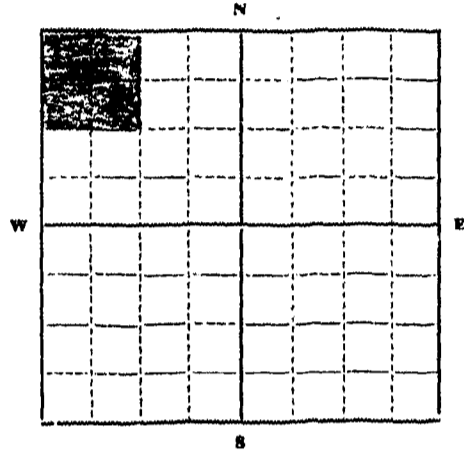
DUPLICATE

County Judith Basin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. United States of America of c/c U. S. Corps of Engineers
(Name of Appropriator) (Address) (Town)
County of Cascade State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NW 1/4 Sec. 32 T. 18N R. 11E MPM

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

2. The beneficial use on which the claim is based.....
Domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
23 October 1960
Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
2 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.....
None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
Started - 28 September 1960
Completed - 23 October 1960

8. The depth of water table.....
200 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
Drilled vertical well - 1065 feet

10. The estimated amount of groundwater withdrawn each year.....
2880 gallons

11. The log of formations encountered in the drilling of each well if available.....
Shale, various types

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.....

By [Signature]
Signature of Owner..... John E. Ritchie, Actg Chief
Great Falls Real Estate Ofc
Date USCE, Seattle District
Date April 16, 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

119327 No. 162
Vested Gr. W. hts

NW NW Sec. 32-18-11

Filed for record this 1st day
of May A. B. 1962 at 1:00 P.M.

Delight Leslie, Clk. & Sec.
by Betty Perkins Dep.

Fee \$2.00 pd.

~~County Clerk and Recorder
Judith Basin
APR 27 1962
11:15 A.M.
Withdrawn 4/26/62 Judith Basin County~~

~~0548~~
COPY

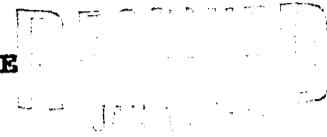
File No.....

T. 18 R. 11

DUPLICATE

County.....Judith Basin.....

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.....1953.....

Owner.....Gilbert Ecker Estate..... Address.....Stanford, Montana.....

Contractor (if any).....Gordon Ecker.....

Address of Contractor.....Stanford, Montana.....

Date Started.....1953..... Date Completed.....1953.....

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

.....Dug to about 15 Ft. 2ft of tile and wheel.....

.....installed on top. Cement top installed. This.....

.....Spring is piped into a dwelling.....

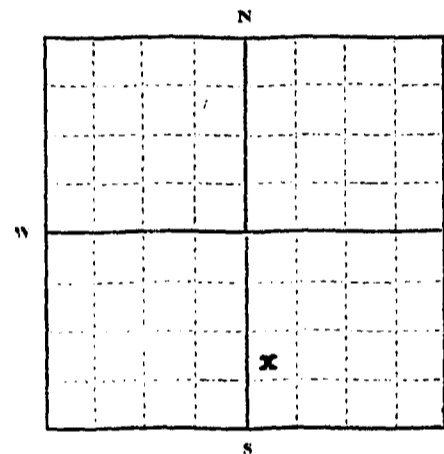
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent.....

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

.....5 to 7 gallons per minute.....

Signature of Owner.....Florence Ecker.....

Date.....Dec. 19th, 1963.....



SW 1/4 SE 1/4 Sec. 33 T. 18 R. 11
Indicate point of appropriation and place of use, if possible.

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.

#330

GROUNDWATER APPROPRIATION

FLORENCE SCKER

SWSZ Sec. 33-18-11

122050

State of Montana

County of Judith Basin

Filed for record this 17th
day of Dec. A.D. 1963 at 2:05
o'clock P.M.

Delight Leslie, Clerk and Rec

by Delight Leslie Dep

Fee \$2.00 pd.

File No.

T. 18 R. 11
County Judith Basin

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 15 1964

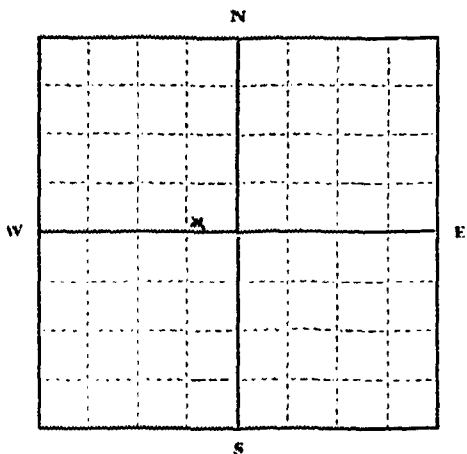
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Stan E. Johnson, of Stanley, Montana
(Name of Appropriator) (Address) (Town)

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



NW 1/4 Sec. 25 T. 18 R. 11

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 cattle

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

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

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 natural flow

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

8. The depth of water table surface

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

10. The estimated amount of groundwater withdrawn each year undetermined

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 Stan E. Johnson

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.

No. 561

Irene E. Mikeson

Dec. 35-18-11

State of Montana

County of Judith Basin

Filed for Record this
31st day of December A. D.
1963 at 3:03 o'clock P.M.


County Clerk.

Fee \$2.00 Paid.

File No.

T 18 R 12

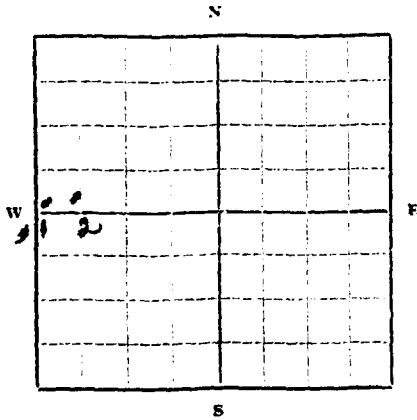
DUPLICATE

County Judith Basin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Virgil E. Stout of Coffee Creek (R.R. 2)
(Name of Appropriator) (Address) (Town)
County of Judith Basin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 2, T. 18 R. 12
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- The beneficial use on which the claim is based household, yard & garden, & farmyard.
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1912. Continuous use.
- The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal per min.
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof yard & garden - one tenth of an acre adjacent to well #1.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal #1 - jet pump #2 - pump (windmill)
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater #1 - 1912 #2 - 1914.
- The depth of water table 25 ft.
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater #1 - dug well, 5 ft. diameter, depth 33 ft. #2 - drilled well, 6 in casing, 6.5 ft. depth.
- The estimated amount of groundwater withdrawn each year 200,000 gal.
- The log of formations encountered in the drilling of each well if available #1 - 1/2 ft. top soil, 11 ft. gravel, concrete 3 ft., gravel 13 ft. #2 - unknown.
- 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 Virgil E. Stout
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 School of Mines and Quadruplicate for the Appropriator.


32664

File No. 388
Virgil S. Stout

37 37 Dec. 2 -16-12

State of Montana
County of Judith Basin

Filed on this 27
day of December A.D.
1963 at 9:35 o'clock
A.M.


Delia H. Lister
County Clerk.

Fee \$2.00 Paid.

File No.

T. 18 R. 12

DUPLICATE

County Judith Basin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level)

0)47 Overburden glacial drift
98 Blue shale

102 Hard sandstone

165 Alt. layers hard sandstone
and shale

170 Hard sandstone

385 Med. soft blue shale

420 Hard sandy blue shale

495 Hard sandstone, blue shale, layers sandstone

498 Hard sandstone

517 Med. soft coarse sandstone

523 Hard sandstone

553 Med. soft sandstone

555 Hard sandstone

Owner Mamie and Irene Mikson Address Geyser, Montana

Driller Thatcher drilling co. Address Stanford, Mont.

Date of Notice of Appropriation of Groundwater

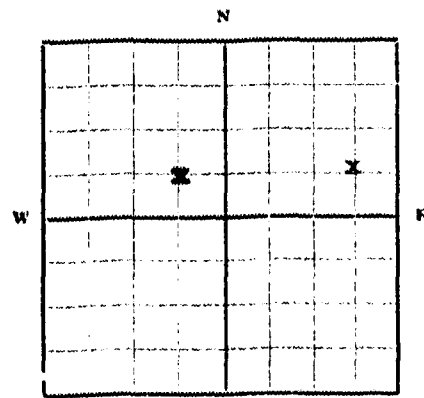
Date well started Oct. 23-62 Date Completed Nov. 12-62

Type of well drilled Equipment Used Rotary
(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)
4"	2" stand galv.	0	555	1/2" x 4" slots	495	555



SE 1/4 Sec. 6 T18 R12

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 30 lbs.

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

Discharge in gal. per min. of flowing well 5 gals.

How Tested stop watch and measure Length of Test 24 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

86

Driller's License Number

Thatcher
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.

W.W. #213

Appropriation by Well

Marie and Irene Nikeson

120604

State of Montana

County of Judith Basin

Filed for record this 31st
of Dec. A.D. 1962 at 9:30 o'clock
P.M.

Delight Leslie, Clk. & Rec.

by _____ Dep.

Fee \$2.00 pd.

File No.

T. 18 R. 12

DUPLICATE

County Judith Basin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

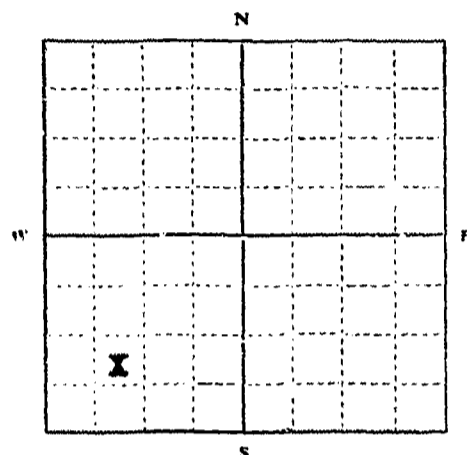
RECEIVED
JAN 15 1964

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

I, Mamie Mikeson, of P. O. Box 236 Stanford
(Name of Appropriator) (Address) (Town)

County of Judith Basin State of Montana

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



S 1/2 SW 1/4 Sec. 7, T. 18 R. 12

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 use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been used continually for past thirty (30) years;

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

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
(does not apply)

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
spring, natural flow from same.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
(does not apply)

8. The depth of water table.....
(does not apply)

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.....
(does not apply)

10. The estimated amount of groundwater withdrawn each year... (does not apply)

11. The log of formations encountered in the drilling of each well if available... (does not apply)

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
Warranty Deed, Book 146, Page 154
Decree of Distribution, Book 143, Page 10, records of Judith Basin County.

Signature of Owner Mamie Mikeson

Date Dec. 30th, 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.

32720

444

VESTED UNDERMINER RIGHTS

WASIE NIKERON

SEOW Sec. 7-18-12

122193

State of Montana
County of Judith Basin
Filed for record this
30th day of Dec. A.D. 1963
at 11:05 o'clock A.M.

Belight Leslie, Clerk and R. C.

by Dep.

Fee 32.00 pd.

File No.

T. 18 R. 12

County

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

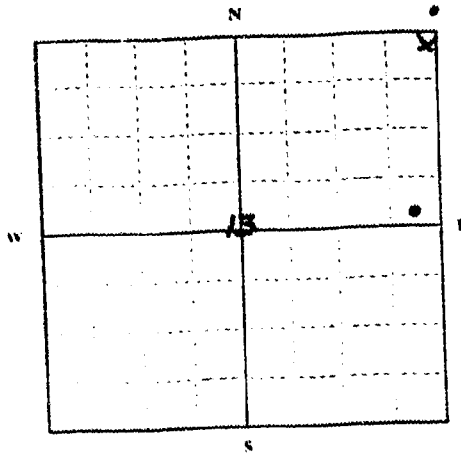
JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. *A. L. Dickson* (Name of Appropriator), of *Coffee Creek* (Town)
County of *Judith Basin* State of *Montana*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 13 T. 18 R. 12
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 - house hold use*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been *1885 Steady use*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) *10 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
- 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 *Improved development in 1943*

8. The depth of water table *7 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 *developed spring*

10. The estimated amount of groundwater withdrawn each year *5256000 gallons*

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

12. Such other information as a similar nature as may be useful in settling any controversy relating to the rights in such and parts of any nearby wells.

A. L. Dickson
Date *12/31/63*

This document is a declaration of the rights herein and is subject to the laws of the State of Montana and the laws of the county in which the well is located.

These rights are hereby declared to be vested in the person or persons named herein.

Approved by the County Clerk and Recorder, County of Judith Basin, Montana, on this 12th day of December, 1963.

#522

W. L. Dickson

Sec. 13-18-12

State of Montana
County of Judith Basin
Filed for record this
31st day of Dec. A.D. 1963
at 1:50 o'clock P.M.
Delight Leslie, Clk. & Sec.
by _____ Dep.

GW3

File No.

DUPLICATE

T. 18 R. 12

County Judith Basin

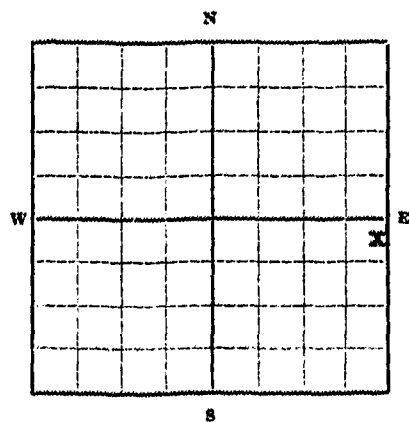
22

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 Jan. 19, 1962
Owner LeRoy Orr Address Missoula, Montana
Contractor (if any) None
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.

flowing spring used for irrigation
and stock water

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

used year around
100 gallons a minute

NESE 1/4 Sec. 22 T. 18 R. 12
Indicate point of appropriation and place of use, if possible.

Signature of Owner *LeRoy Orr*

Date Jan. 19, 1962

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.

1366

Dec. No. 11886h

**NOTICE OF GROUNDWATER APPROPRIATION
WITHOUT WELL**

LEROY ORR

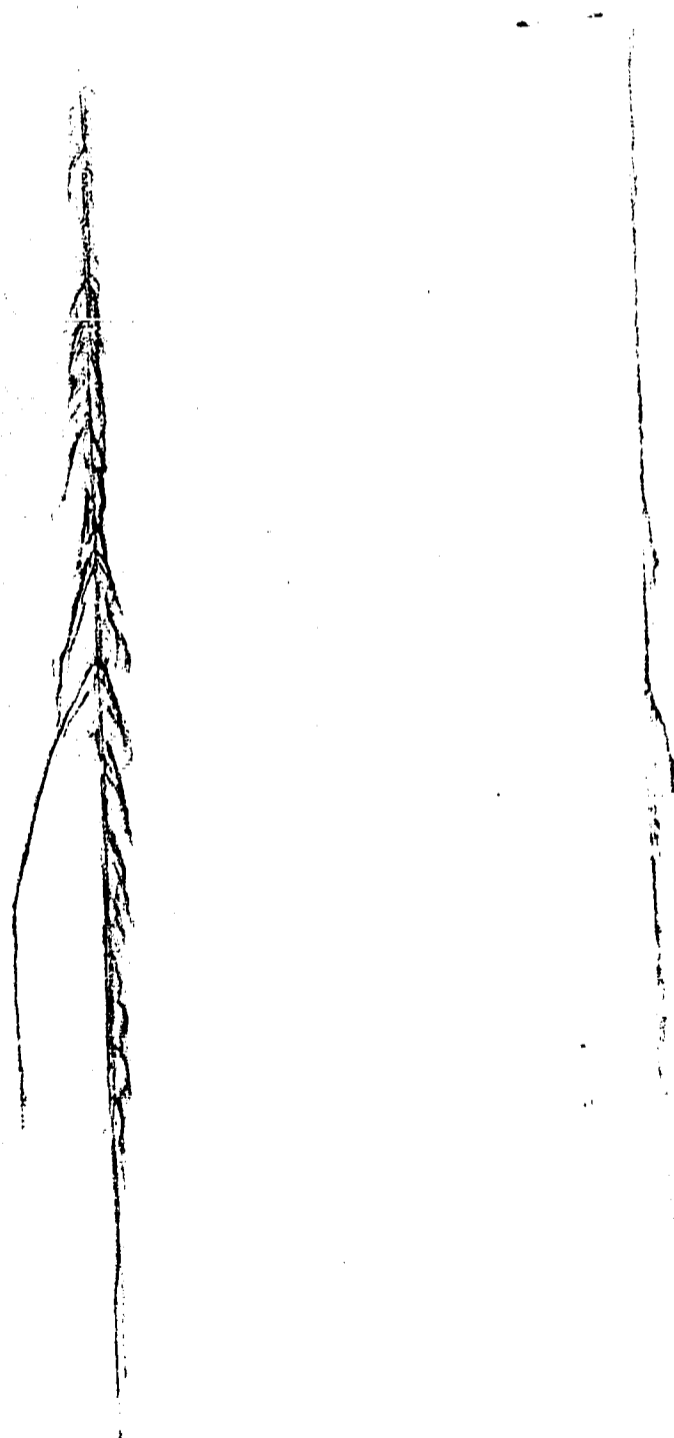
NE 1/4 Sec. 22-18-12.

**STATE OF MONTANA
County of Judith Basin**

**Filed this 1st day of February
A.D. 1962 at 4:05 o'clock P.M.**

Delbert L. Hooper
County Clerk.

Fee \$2.00 Paid.



Form No. 18
8-60

25

T. 18 R. 12

County Judith Basin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner William Hetzel Estate Address Stanford, Montana

Driller O. C. Thatcher Address Stanford, Montana

Date Started Aug. 12, 1961 Date Completed Aug. 14, 1961

Location: Sec. 25 T. 18 R. 12 $\frac{1}{4}$ sec. NW NW

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 0 ft. to 215 ft. Type Galv. Size 4"

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

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

Perforated or Screened: Ft. _____ to ft. _____. Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: 35 feet.

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

Pumping water level 35 feet at 1 1/2 gal. per min.

How tested: _____

Length of test _____

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

(over)

File No.

T. 12 R. 12

DUPLICATE

County Judith Basin

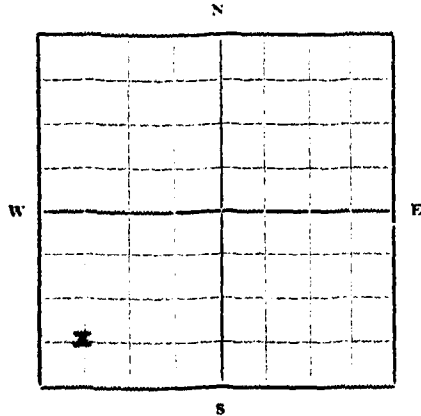
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



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

STATE ENGINEER

1. Marie Mikson and Irene Mikson of Stanford
(Name of Appropriator) (Address) (Town)
County of Judith Basin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 33 T. 18 R. 12

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
June 19, 1962

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Commenced June 11, 1962 completed June 19, 1962

8. The depth of water table

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
2" Gal. 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
0 - 22 Overburden 400 - 500 Shale and sandstone
22 - 30 Shale 500 - 550 Sandstone
30 - 200 Shale, layers Sandstone and bentonite 550 - 605 Water sand
200 - 400 Shale

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
Pipe is perforated from 550' to 605' with 1/2" x 1/2" slots
Packer set at 40'

Signature of Owner *Marie Mikson*

Date August 7, 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.

#174

Vested Gr. W. Rights
119814

Marie Mikeson
SWSW 33-18-12

Filed for record this 7th
day of Aug. 1962 A.D. at
4:00 o'clock P.M.

Delight Leslie, Clk. & R. Co.

by Betty Ann Lawrence Dep

Fee \$2.00

GROUNDWATER INDEX

Page ___ of ___

County Judith Basin Twp. 17N Rge. 9E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Coleman, Francis B. Mrs.	GW-4	121500	
2	Baldwin, John M.	GW-4	121500	
2	Anderson, Edward A.	GW-3	122000	
3	" " "	"	122000	
3	" " "	"	122000	
3	Anderson, Lewis J. Jr.	"	122000	
4	Vissac, Allen J.	GW-4	500	
4	Kind, Arthur Larson	GW-3	200	
5	Van Kester, Dick	GW-2	130000	
5	Kerney, Harry A.	3 GW-2	740	
5	Nichols, Edna T.	GW-4	124000	
5	Anderson, Walter	GW-2	123000	
5	Croft, Thomas	3 GW-2	720	
5	Fish, Royal Lee Sarah E.	GW-4	121000	
10	Bestung, Joseph	"	1150	
10	Badger, John & Sons Co.	GW-3	121000	
13	Spitzer, Pete	GW-4	250	
15	Palmer, Myrtle K.	"	250	
19	Buch, Roy & Myrtle	"	121000	
21	Palmer, Myrtle K.	"	250	
22	Hanson, Harold W. Wendell	"	570	
24	" " " "	"	570	
29	Hanson, Wendell M.	Well Log	-	
31	" " " "	GW-4	570	
32	" " " "	"	570	
36	Badger, Carroll C.	GW-3	700	
38	Badger, John	"	700	
5	Vissac, Allen J.	57 well log	-	

File No. _____

T. 17 N. R. 8 E

County Judith Basin

DUPLICATE

City _____
County _____
District _____

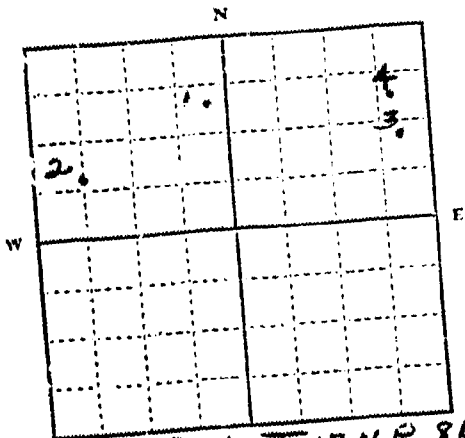
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Mrs. Frances K. Colarchik, of _____ Geyser _____
(Name of Appropriator) (Address) (Town)

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



1. NENW 1/4 Sec 1 T-17N R-8E Well
2. SWNW 1/4 Sec 1 T-17N R-8E Spring
3. SE 1/4 Sec 1 T-17N R-8E Spring
4. NE 1/4 Sec 1 T-17N R-8E Spring

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: 1. Household and Stock water 2-3-4 Stock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1936 & CONTINUOUS SINCE

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1. 20 gal per MIN 2-3 EACH 15 gal per MIN 4. OVERTFLOW FROM 3

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 1. Electric PUMP 2-3-4 Natural Withdrawal

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1. HAND PUMPED - 1936 1954 Electric PUMP

8. The depth of water table: 1. 12 ft. 2-3-4 SURFACE

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: 1. HAND CUP ROCK CASING 8 ft diameter 13 ft deep At first used hand pump 1954 electric pump

10. The estimated amount of groundwater withdrawn each year: 1. 85,000 per 100 days 2-3-4 125,000 per 133 days

11. The log of formations encountered in the drilling of each well if available: NO LOG

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: FRANCES K. COLARCHIK

Date: October 26, 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.

39739

1215.1
WATER WELL

#644

FRANCES J. COLARCHIK
Raynesford, Montana

Sec. 1-17-8

State of Montana
County of Judith Basin
Filed for record this 28th
day of Oct. A.D. 1965 at 8:00
o'clock .M.

Delight Leslie, Clk. & Rec.

by Betty Crabmore Dep

File No.

T. 17 R. 8

DUPLICATE

County Judith Basin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

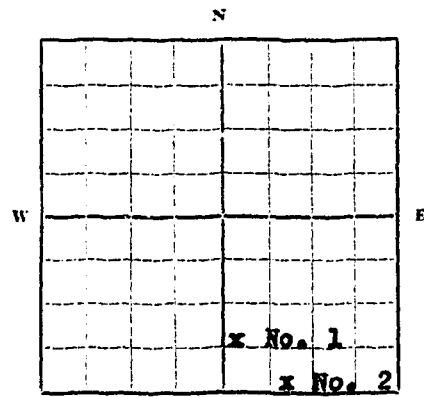
RECEIVED
JAN 15 1964

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

STATE ENGINEER

1. ^{M.} John Bodner of Raynesford
(Name of Appropriator) (Address) (Town)

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



Natural flowing springs

SWSE

1/4 Sec. 2 T. 17 R. 8

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

2. The beneficial use on which the claim is based
livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1900 used continuously

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
none

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

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

8. The depth of water table
6' to 15'

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

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

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 John Bodner

Date Dec. 13, 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 School of Mines and Quadruplicate for the Appropriator.

32577

No. 300

VESTED GROUNDWATER RIGHTS

JOHN M. BODNER

SWSE Sec. 2-17-8

121990

State of Montana
County of Judith Basin
Filed for record this 13th
day of Dec. A.D. 1963 at 1:10
o'clock P.M.

Delight Leslie, Clk. & Rec.

by Betty L. ... Dep.

\$2.00 pd.

File No.

T17 N R 8 E

DUPLICATE

County JUDITH BASIN

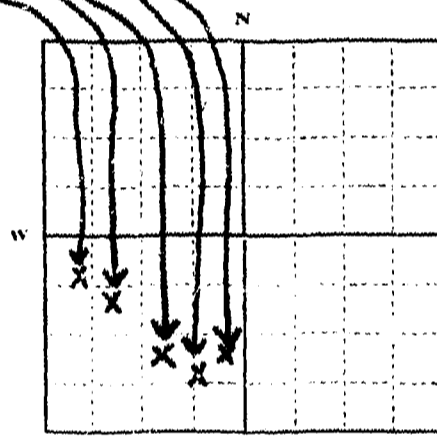
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

- SPRING 1 - NWSW, SEC. 2
- SPRING 2 - NWSW, SEC. 2
- SPRING 3 - SESW, SEC. 2
- SPRING 4 - SESW, SEC. 2
- SPRING 5 - SESW, SEC. 2

Date of Appropriation of Groundwater MAY 16, 1898
 Owner EDMUND A. ANDERSON Address RAYNESFORD, MONT
 Contractor (if any) NONE
 Address of Contractor NOT APPLICABLE
 Date Started NOT APPLICABLE Date Completed NOT APPLICABLE



1/4 Sec 2 T17N R8E
 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.
 SPRING 1 - NATURAL FLOW
 SPRING 2 - NATURAL FLOW
 SPRING 3 - NATURAL FLOW
 SPRING 4 - NATURAL FLOW
 SPRING 5 - NATURAL FLOW

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.
 SPRING 1 - 1 GAL. PER MINUTE MEASURED
 SPRING 2 - 3 GAL. PER MINUTE
 SPRING 3 - 2 GAL. PER MINUTE WITH
 SPRING 4 - 2 GAL. PER MINUTE GALLON
 SPRING 5 - 1 GAL. PER MINUTE CONTAINER
 CONTINUOUS USE OF ALL SPRINGS FOR LIVESTOCK

Signature of Owner Edmund A. Anderson
 Date DECEMBER 23, 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.

#548

GROUNDWATER APPROP.
Edward A. Anderson

Sec. 2-17-8

122085

State of Montana
County of Judith Basin
Filed for record this 23rd
day of Dec. A. D. 1963 at 2:45
o'clock P.M.
Delight Leslie, Clerk and Rec.

by Delight Leslie Dep.

Fee \$2.00 pd.

File No.....

T. 17 N. R. 8 E

DUPLICATE

County JUDITH BASIN

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 AUG. 1, 1909

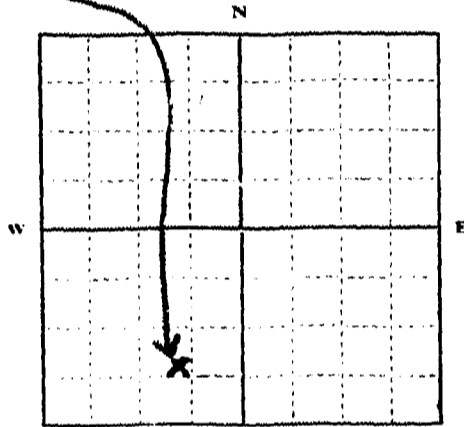
Owner EDMUND A. ANDERSON Address RAYNESFORD, MONT.

Contractor (if any) NONE

Address of Contractor NOT APPLICABLE

Date Started NOT APPLICABLE Date Completed NOT APPLICABLE

→ SPRING 7 - SE SW, SEC 3



SE 1/4 SW Sec. 3 T17N R8E

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.

SPRING 7 - NATURAL FLOW

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.....

SPRING 7 - 12 GAL. PER MINUTE
MEASURED WITH GALLON CONTAINER
CONTINUOUS USE FOR LIVESTOCK
AND HOME

Signature of Owner Edmund A. Anderson

Date DECEMBER 23, 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.

#349

GROUNDWATER APPRO.

EDMUND A. ANDERSON

SESW Sec. 3-17-8

122086

State of Montana
County of Judith Basin

Filed for record this 23
day of Dec. A.^d. 1965 at 2:50
o'clock P.M.

Helight Leslie, Clk. & Rec.

by H. T. V. [Signature] Dep.

Fee \$2.00 pd.

File No.

T. 17 N. R. 8 E

DUPLICATE

County JUDITH BASIN

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 MARCH 2, 1876

Owner EDMUND A. ANDERSON Address RAYNESFORD MONT.

Contractor (if any) NONE

Address of Contractor NOT APPLICABLE

Date Started NOT APPLICABLE Date Completed NOT APPLICABLE

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

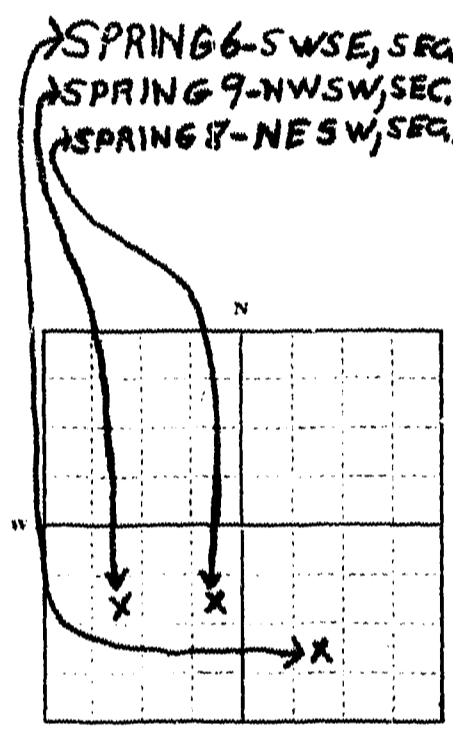
- SPRING 6 - NATURAL FLOW
- SPRING 8 - NATURAL FLOW
- SPRING 9 - NATURAL FLOW

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..... MEASURED
- SPRING 6 - 10 GAL PER MINUTE WITH
- SPRING 8 - 60 GAL PER MINUTE GALLON
- SPRING 9 - 60 GAL PER MINUTE CONTAINER
- CONTINUOUS USE OF ALL SPRINGS FOR LIVESTOCK

Signature of Owner Edmund A. Anderson

Date DECEMBER 23, 1963



..... 1/4 Sec. 3 T. 17 N R. 8 E
Indicate point of appropriation and place of use, if possible.

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.

#350

WATER APPROP.
EDWARD A. ANDERSON

Sec. 3-17-8

122087

State of Montana
County of Judith Basin
Filed for record this
23rd. day of Dec. A.D. 1963
at 2:55 o'clock P.M.

Delight Leslie, Clk. & Rec.

By Delight Leslie Dep.

Fee \$2.00 pd.

File No.....

T. 17 N. R. 8 E

DUPLICATE

County Judith Basin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

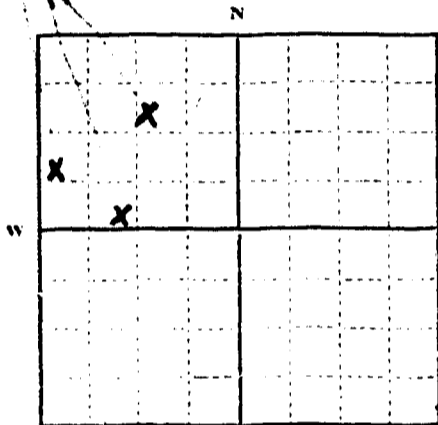
Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Spring 1 - SWNW, Sec. 3
Spring 2 - SWNW, Sec. 3
Spring 3 - NENW, Sec. 3

Date of Appropriation of Groundwater Sept. 15, 1902
Owned Louis J. Anderson Jr. Address Raynesford, Mont.
Contractor (if any) None
Address of Contractor Not applicable
Date Started Not applicable Date Completed Not applicable



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

Spring 1 - Natural Flow
Spring 2 - Natural Flow
Spring 3 - Natural Flow

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

..... 1/4 Sec. 3 T17 N. R. 8 E
Indicate point of appropriation and place of use, if possible.

Spring 1 - 1/2 gal. per minute } measured
Spring 2 - 3 gal. per minute } with gallon
Spring 3 - 8 gal. per minute } Container
Continuous Use of all springs for livestock

Signature of Owner Louis J. Anderson Jr.
Date DECEMBER 23, 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.

File No.

T. 17 R. 8

DUPLICATE

County Judith Basin

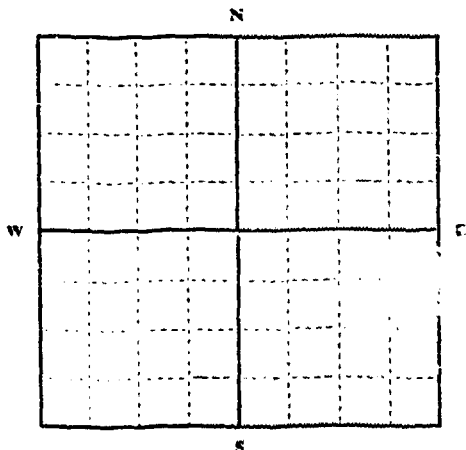
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Allen J. Visocan of Raynesford
(Name of Appropriator) (Address) (Town)

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



NW 1/4 SW 1/4 Lot 8 Blk 1 Raynesford
1/4 Sec. 4 T. 17 R. 8 Original

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1957

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

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

none
Original

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. 1957

8. The depth of water table. 20 feet from the surface

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. 20 feet deep and cased with 6 inch steel 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. 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 Allen J. Visocan
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. 32642

File No. 165

Allen J. Visocan

SVW/CW Sec. 4-17-8

Lot 8 Blk 8 Raynesford

Original

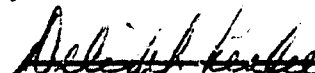
State of Montana

County of Judith Basin

Filed this 26th day of

December A. D. 1967, at

1:25 P.M.


County Clerk

Fee \$2.00. Paid.

File No.....

T. 17 R. 8

DUPLICATE

County Judith Basin

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)

RECEIVED
JAN 15 1964
STATE ENGINEER

Date of Appropriation of Groundwater..... 1939
Owner Arthur and Lucren Klind Address Raynesford, Montana

Contractor (if any) developed them myself

Address of Contractor

Date Started..... 1939..... Date Completed..... 1939

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. #1 Spring is 6 ft in depth with cribbing concrete with a wooden top on it. Gravity ~~flow~~ fed for domestic use.

#2 Spring is about 6 ft. in depth with gravity flow. Shut-off on this one and is not used unless the creek is dry. Both Springs flow into a coulee below in the same land description.

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.....

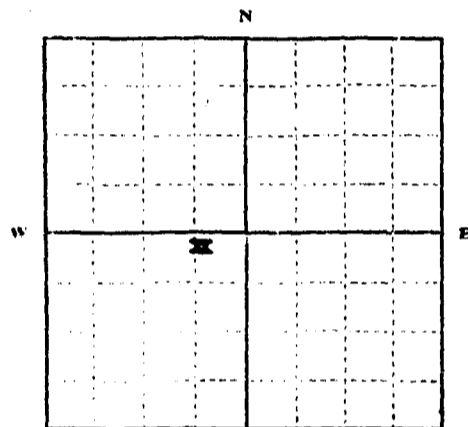
#1 Spring flows about 2 gallons per minute

#2 Spring flows about 1 gallon per minute.

No measurements taken. Intention of owner to develop these Springs more in the future.

Signature of Owner..... Arthur Klind

Date Dec. 9th, 1963.



NE 1/4 SW 1/4 Sec. 4 T. 17 R. 8
Indicate point of appropriation and place of use, if possible.

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.

32564

#269

SPRINGS

NE-SW 1/4 Sec. 4-17-8

State of Montana

County of Judith Basin

Filed this 9th day of Dec.

A. D. 1963 at 4 o'clock P.M.

Delight Perkins
County Clerk.

File No. this

130716

RECEIVED

T. 17N R. 2E

QUADREPLICATE M.

County Judith Basin

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, 1962

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

Top of Ground	(Elev. above sea level.....)
0 - 4	-- Brown sandy soil and gravel
4 - 19	-- Layers of broken yellow sandstone and yellow shale
19 - 30	-- Gray silt and sandstone with black silt. Very broken.
30 - 37	-- Soft coal and gray lime with shale layers
37 - 40	-- Brown limey shale layers
40 - 71	-- Gray-green shale
71 - 73	-- Light gray limey shale
73 - 105	-- Yellow Sandstone Contains Water.
105	--- Bottom

Owner..... Max Van Yoast Address..... Geysers, Montana

Driller Larry Jennings Address Lewistown, Montana

Date of Notice of appropriation of groundwater.....

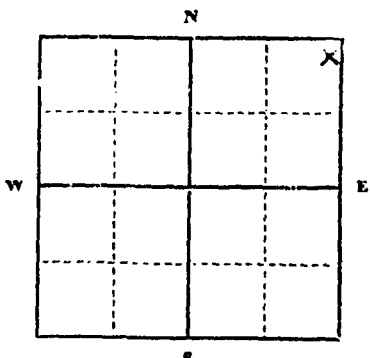
Date well started 10-3-71 Date completed 10-5-71

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/4"	4 1/2" O.D.	+1	105	Torch Cut Slots	73	105



In Town of Raynesford
Lot 15, Blk. 3 (Original)
NE 1/4 Sec. 5 T. 17N R. 8E.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 5 feet.

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

Pumping Water Level..... 8 feet
at approx. 90 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Pump

Length of Test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shutoff) Packers set at 40' and 70'

(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.

144

Driller's License Number

Driller's Signature

115

130716 7737

Max Van Voast

WELL APPROPRIATION

Sec. 5, T.17N, R.8E

Lot 15, Blk.3, Original Raynesford

State of Montana

County of Judith Basin

Filed this 5th day of
November 1971 A. D. at

4:00 P. M.

Delight Leslie, Co.Clerk

By _____

Deputy

Fee: \$2.00 paid

RECEIVED

17th 9th
County Blaine

JUN 2 1972

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

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

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

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

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

Owner Henry A. Wessley

Address Raynesford, Blaine Co.

Date well started 10-11-1971

completed 10-12-1971

For Administrator's Use	
File	<u>742 May 31, 1972</u>
	<u>4:30 p.m.</u>
	<u>GW 1</u>

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

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

Water Use: Domestic Municipal Stock Irrigation

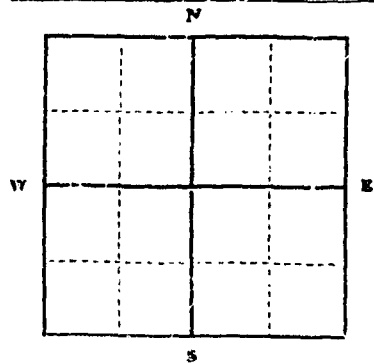
Industrial Drainage Other * Garden/Lawn

*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 (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>7"</u>	<u>3 1/2" 7.75</u>	<u>0</u>	<u>30</u>	<u>lot</u>	<u>various</u>	<u>top</u>



Static water level 14 ft.*
Pumping water level 15 ft.*
at 10 gallons per minute,
measured 10 minutes after pumping
began.

*Measured from ground level.
Well developed by _____
for _____ hours.

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

NW 1/4 N2 1/4 Sec 5
T. 17 N. R. 8 E

Town of Raynesford.

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

Driller's Signature _____

Driller's Address _____

Blaine Co. Blaine LICENSE NO. 135

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
<u>0</u>	<u>10</u>	<u>soil</u>
<u>10</u>	<u>25</u>	<u>shale</u>
<u>25</u>	<u>30</u>	<u>sand & gravel layer</u>
<u>30</u>	<u>32</u>	<u>concrete</u>
<u>32</u>	<u>43</u>	<u>hard brown rock</u>
<u>43</u>	<u>52</u>	<u>vertical bed shale</u>

52 Show exact depth of bottom

50,506

#742

VASKSI, HENRY A.

Well Appropriation
NW/NE¼ Sec. 5, T 17, R 8

STATE OF MONTANA
County of Judith Basin

Filed for record this 31st
day of May A.D. 1972 at
4:30 p.m.

Delight Leslie Co. Clk.

Marjorie Baker Deputy

Fee: \$2.00 pd

STATE WATER CONSERVATION BOARD

File No.

T. 17 R. 8

TRIPPLICATE

SEC 2 1955

County Judith Basin

Bill _____ McDermott _____
 Burdette _____ McNulty _____ STATE OF MONTANA
 Coyne _____ Morton _____ ADMINISTRATOR OF GROUNDWATER CODE
 Darlington _____ Sullivan _____ OFFICE OF STATE ENGINEER
 Dickert _____

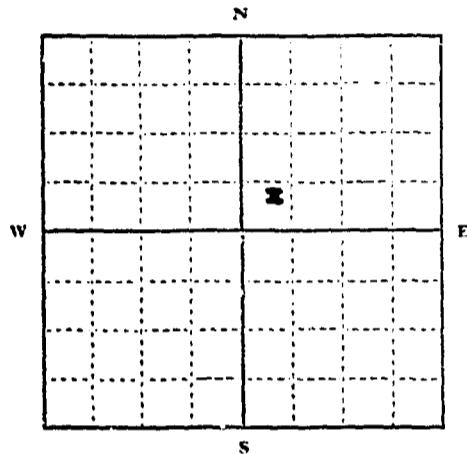
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Michels Garage

I, **Edw. T. Michels** of **Haynesford, Mont.**
 (Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 5 T. 17 R. 8

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.....
Service Station and Garage and future improvements
- Date or approximate date of earliest beneficial use; and how continuous the use has been.....
Oct. 10, 1961
- The amount of groundwater claimed (in miner's inches or gallons per minute).....
flows 4 inch pipe at 5 feet above ground
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
none
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
flowing well
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
Commenced Oct. 6, 1961 and finished Oct. 10, 1961
- The depth of water table.....
- 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.....
it has a four inch pipe that flows over the top
- The estimated amount of groundwater withdrawn each year.....
unknown
- The log of formations encountered in the drilling of each well if available.....
**0 to 8' Overburden and fill
8 to 13 Sandy gravel
13 to 36 Layers of decomposed sandstone and grey shal
36 to 72 Rough sandstone
72 to 83 Sandstone (water)**
- 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.....
Cased with 8" of 4" galv. pipe. Cemented with 2 sacks cement. Packer at 45 ft.

Signature of Owner.....

Date **Nov. 30, 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.

#650

124700

MICHAEL'S GARAGE
Raynesford, Montana

NW/NE4 Sec. 5-17-8

State of Montana
County of Judith Basin
Filed for record this 30th day of
Nov. A.D. 1965 at 11:30 o'clock
P.M.

Delight Leslie, Clk. & Rec.

by *Delight Leslie* Dep

GW2

File No.

DUPLICATE

T. N. E. 5
R.

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 27 1964

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

(Under Chapter 237, Montana Session Laws, 1961)

0	Top of Ground (Elev. above sea level
21	Overburden
90	Sandstone and shale broken Sandstone water
90	Bottom of well

Owner: Wm. E. Anderson Address: Raynesford, Mont.

Driller: Ed. Thatcher Address: Stanford, Mont.

Date of Notice of Appropriation of Groundwater

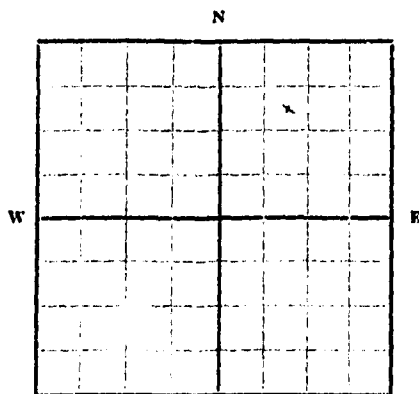
Date well started: Oct. 19-64 Date Completed: Oct. 24-64

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

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	2" 4.75 #	0	90	1"x4" slots	65	86



1/4 Sec. 7, T. 12, R. 4
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 30-50
20-20/lbs.

Pumping Water Level.....feet atgal. per minute.

Discharge in gal. per min. of flowing well 90-100 GPM.

How Tested..... Measured Length of Test.....

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)

Packers set at 69+47

86
Driller's License Number

Edward Thatcher
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.

28596

9631 5 1

HEI WEL
V. S. ANDERSON
NOTE Sec. 5-17-8

123442

State of Montana
County of Judith Basin
Filed for record this 26th
day of October, A.D. 1964 at
1:00 o'clock P.M.
Delight Leslie, Clerk and Rec.

By Betty Anderson Dep.

\$2.00 pd.

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 J. H. H. H. H.

Address _____

Date well started _____
completed _____

For Administrator's Use	
File	<u>1727</u>
	<u>September 28, 1960</u>
	<u>236 W. 11</u>
GW 1	_____

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

Equipment used _____
(Churn drill, rotary or other)

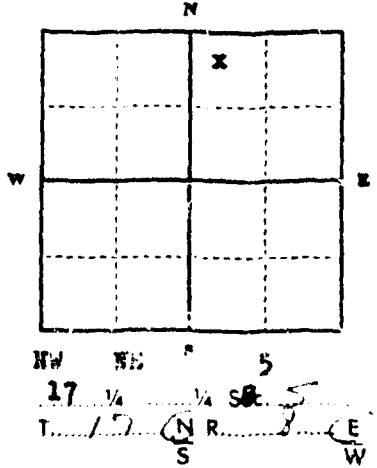
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

*Describe _____

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)



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

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

Driller's Signature _____

Driller's Address _____

LICENSE NO. _____

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
0	_____
4	_____
8	_____
12	_____
16	_____
20	_____
24	_____
28	_____
32	_____
36	_____
40	_____
44	_____
48	_____
52	_____
56	_____
60	_____
64	_____
68	_____
72	_____
76	_____
80	_____
84	_____
88	_____
92	_____
96	_____
100	_____

Show exact depth of bottom

11/15/60