

File No.

DUPLICATE

T. 18 R. 52

County Dawson

JAN 14 1964

STATE ENGINEER

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 #1. 1945
#2. 1950

Owner John Hamme Address Liberty Montana

Contractor (if any)

Address of Contractor

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

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

Natural 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.....

Shank Water Wheel - Nealy

Signature of Owner John Hamme by Robert Hamme

Date 12-21-63

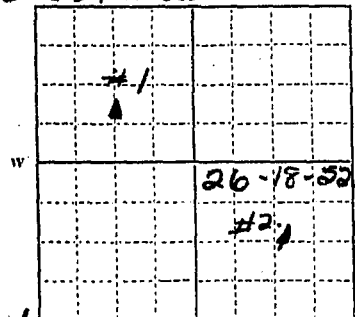
This form to be prepared by contractor (if any), otherwise by the owner.

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

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

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

Sec 29-18-52



#1 SE 1/4 29-18-52

#2 NE 1/4 Sec. 26 T. 18 R. 52

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

286861

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1963, at
3:30 o'clock P. M.

Gordon H. Russell
County Clerk and Recorder.

By Faye Scheith Deputy.

File No. _____

DUPLICATE

T. 18

R. 52

County

Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

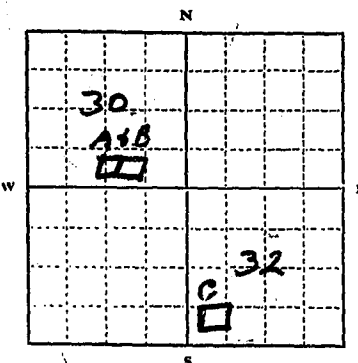
RECEIVED
DEC 30 1963

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Geo Granmos of Lindsay Mont
(Name of Appropriator) (Address) (Town)
County of Dawson State of Monte
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 30 T. 18 R. 52

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.

A completed 1915
B " 1935
C " 1915

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

A-B-C produce 6 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.

None

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

A+B. Pump Jack & Electric Motor
C - Pump Jack & Gas Motor

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

Same as question #3

8. The depth of water table.

Unknown

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

A- 20 ft depth 42" steel casing
B- 40 ft depth 4" steel casing
C- 140 ft depth 6" steel casing

10. The estimated amount of groundwater withdrawn each year.

is large enough 1,000,000 if pump

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

None 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

George Granmos

Date

DEC 23 1963

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

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 Mines and Geology, and Quadruplicate for the Appropriator.

STATE OF MONTANA
County of Dawson

Filed for record this 23 day of December A. D. 1963, at

By Gordon H. Russell County Clerk and Recorder.
By E. M. Warren Deputy.

File No. _____

T 18 R 52

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

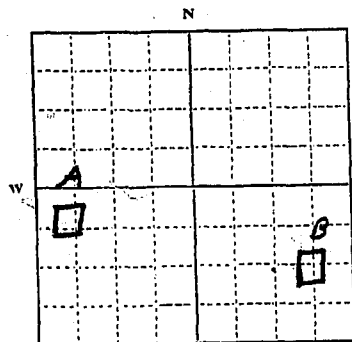
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 23-63Owner Geo. G. Gaudin Address Lindsay, MontContractor (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. None



52 Sec. 33 T. 18 R. 52

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.

Flow 6 gal. a minute

Used 9 months a year
Flow approximately same in A & B

Signature of Owner George GaudinDate DEC 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.

DEC 25 1963

286483

STATE OF MONTANA
County of Dawson

Filed for record this 23 day of
December A. D. 1963, at
4:00 o'clock P.M.

London H. Russell
County Clerk and Recorder.

By E. M. Warren Deputy.

GW

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

File No.

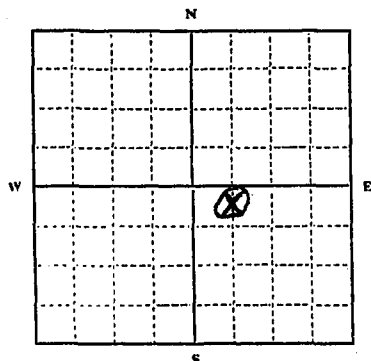
T. 18 R. 52
County Dawson

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JAN 14 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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

S.E. 1/4 Sec. 35, T. 18, R. 52

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 Stock3. Date or approximate date of earliest beneficial use; and how continuous the use has been 19584. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal Per Min

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

None

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

Pump7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 19588. The depth of water table approx 30 ft. and 150 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 300 ft. Sinking10. The estimated amount of groundwater withdrawn each year 600,000 gal

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 Robert GrammoDate 12-31-63

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

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

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

31968

286862

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1963, at
3:30 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder.

By Faye Schuth Deputy.

GROUNDWATER INDEX

Page 1 of 1

County Dawson Twp. 18 N Rge. 53 E

[illegible]

File No.

DUPLICATE

T. 18N. R. 53E

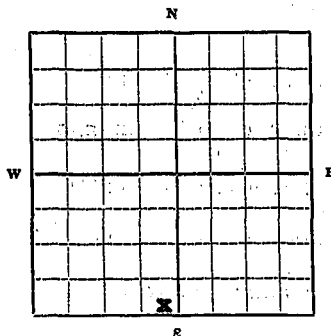
County Dawson

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



SE 1/4 SW 1/4 Sec. 4 T18N. R. 53E

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 domestic use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons a 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 pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1930
8. The depth of water table Unknown
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 18" bored well - 54 feet in depth
10. The estimated amount of groundwater withdrawn each year 200 gallons a day
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 None

Signature of Owner

Date. December 22, 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.

14216

STATE OF MONTANA
County of Dawson
Filed for record this 23rd day of
December A. D. 1963, at
3:00 o'clock P. M.
Gordon F. Russell
County Clerk and Recorder.
By Faye Scheithin Deputy.
Fee \$2.00

File No.

T 18 R 53 E

DUPLICATE

County DAWSON

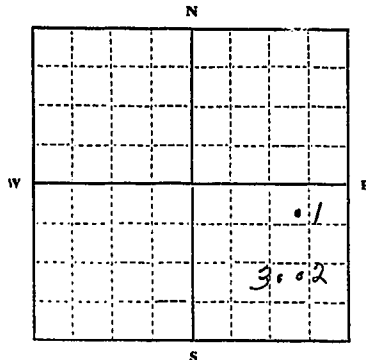
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. CHRIS H. KAMPSCAROR, of DLOOMEIA
(Name of Appropriator) (Address) (Town)
County of DAWSON State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S 1/4 Sec. 4 T 18 R 53 E

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 No 1 - Stock Water
No 2 - House use No 3 - House use Stock + Garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been No 1 - 1940 No 2 - 1940 No 3 - 1961
Every time completion
4. The amount of groundwater claimed (in miner's inches or gallons per minute) No 1 - 10 gals P.M. No 2 - 20 gals P.M.
No 3 - 40 gals 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
Water for Garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater No 1 - 1941 No 2 - 1940 No 3 - 1961

8. The depth of water table No 1 - 95 feet No 2 - 14 feet No 3 - 14 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater No 1 - 5 in casing 112 feet deep
No 2 - 2 in casing 20 feet deep
No 3 - 6 in casing 20 feet deep

10. The estimated amount of groundwater withdrawn each year 350,000 gals Per year

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Chris H. Kampscaror

Date Dec. 30 - 1963

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

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

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

31882

STATE OF MONTANA
COUNTY OF DAWSON
FILED FOR RECORD THIS 30th DAY OF
DECEMBER A. D. 1963, AT
4:00 o'clock P. M.
Gordon W. Russell
County Clerk and Recorder.

286765

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of
December A. D. 1963, at
4:00 o'clock P. M.
Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

File No. _____

DUPLICATE

T. 18 R. 53

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963

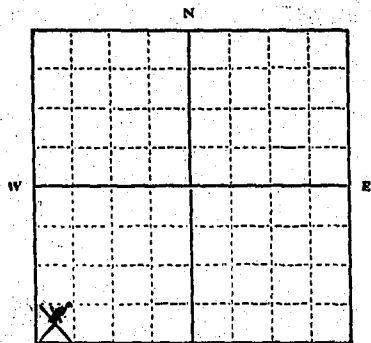
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater Aug 30, 1942Owner Fred Carpenter Address Blainfield, BlaineContractor (if any) Fred CarpenterAddress of Contractor Blainfield Rt. 2, Blaine, Mont.Date Started Aug 30Date Completed Sept 5, 1942

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Tractor and Fresno
depth 4 feet to water



SW 1/4 Sec 15 T. 18 R. 53

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 for cattle

for 3 months per year
has not
measured amount of water

Signature of Owner Fred CarpenterDate DEC 12 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.

9165

286220

STATE OF MONTANA
County of Dawson

Filed for record this 12th day of
December A. D. 1963, at
10:00 clock A.M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

File No.

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—11337

T. 18 R. 53

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 10, 1950

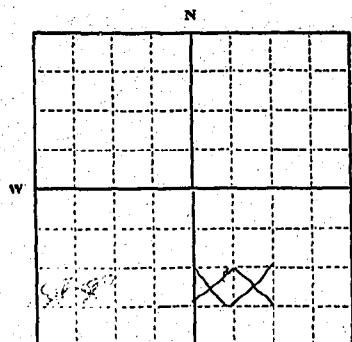
Owner Fred Carpenter Address Bloomfield Rt

Contractor (if any) none

Address of Contractor none

Date Started July 10 Date Completed July 10, 1950

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Tractor and pump 6 feet to water



SE 1/4 Sec. 11 T. 18 R. 53

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. for cattle water have not estimated amount of water

Signature of Owner Fred Carpenter

Date Dec. 12, 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.

286221

STATE OF MONTANA

County of Dawson

Filed for record this 12th day of

December A. D. 1963, at

10:00 o'clock A.M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

File No.

T. 18 R. 53

DUPLICATE

County Bowson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

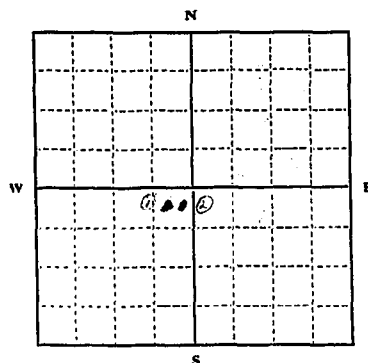
RECEIVED
DEC 16 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Fred Carpenter of Bloomfield Rt Glendive
(Name of Appropriator) (Address) (Town)
County of Bowson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 4 T. 18 R. 53

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 well
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1940 Aug 1 Continuous
No. two well April 20 1959 Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Seven gallons on no 1 well
Two gallons on no 2 well
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pumps
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Aug 1 1940 April 20 1959
8. The depth of water table 98 on no 1 well 90 on no 2 well
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 inch hole on no 1 depth 128 feet
no 2 well 4 inch hole 120 feet
10. The estimated amount of groundwater withdrawn each year 86400 on no 1 well 10000 no 2 well
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 none

Signature of Owner

Fred Carpenter

Date

December 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

9167

286222

STATE OF MONTANA
County of Dawson

Filed for record this 12th day of
December A. D. 1963, at

10:00 o'clock A. M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

G

File No. _____

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 18 N. R. 53 E

County DAWSON

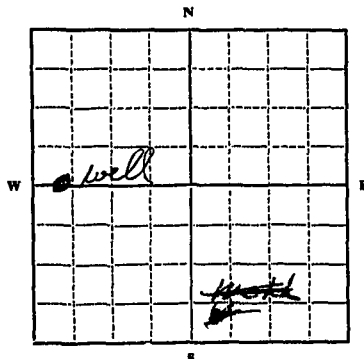
RECEIVED

JAN 14 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Gordon L. Kolberg, of Glendive
(Name of Appropriator) (Address) (Town)
County of DAWSON State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 16 T 18 R 53

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 WATERING

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

1958 - CONTINUOUS

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

10 GALS 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.

GAS PUMP ON 1 1/2 INCH PIPE

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

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

1958

8. The depth of water table.

20 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 operated by gas pump on 1 1/2 inch pipe to depth of 20 ft.

10. The estimated amount of groundwater withdrawn each year.

219,000

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

Gordon Kolberg
Date Dec 30 1963

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

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

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

32080

By _____ Deputy.

File No.

T. 18-N. 53-E

DUPLICATE

County Danvers

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JUL 1 1964

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Louis Geiger Address Glendale, Mont.Driller Adrian Waterwell Address "

Date of Notice of Appropriation of Groundwater

Date well started 5-18-64 Date Completed 5-22-64Type of well drilled Equipment Used Rotary
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒

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

Top of Ground
(Elev. above sea level)

Defenced Well
53-81 Clay & coal strk.
87-92 Bentonite clay
92-117 Green sh.
107-120 Silty green sh.
120-121 1/2 Hard to med. hard rock
121 1/2-137 Silty green sh.
137-141 Sand
141-143 Coal
143-147 Clay & coal strk.
147-185 Green sh.
185-186 Med. hard rock
186-196 ~~Shale~~
196-212 Silty green sh.
212-213 ~~thick rock strata~~
213-230 ~~med. clay & sand~~
230-241 Clay & coal strk.
241-278 Green sh.
278-292 Sand clay & some sand
292-295 Hard coal
295-313 Clay & coal strk.
313-316 Hard coal
316-320 ~~fine sand & coal strk.~~
320-335 Clay & coal strk.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	4 1/2 X 9 1/2	57'	335'	Tool slab	337	335'
					270	275'
					223	228

Static Water Level for non-flowing Well 60 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 280 feet at 9 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailed Length of Test 3 Hrs

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

Louis GeigerDriller's License Number 61Driller's Signature Adrian Waterwell

Show exact depth of bottom.
ANATOMIC NO. STATE
DOWNED TO (Feet)

To (Feet)

In (Feet)

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.

38235

See Pd. #2.00

GW

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

File No.

T. 18 R. 3

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

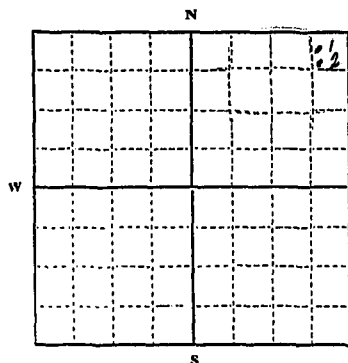
RECEIVED
JAN 14 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Jak Sopotko of 1121 North mead, Glendene
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



7 W. 1/4 Sec. 24 T. 18. R. 33

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 hold and live stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. No. 1 - 1912 continuous use
No. 2 - 1912 continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) No. 1 - 3 gals. a min
No. 2 - 4 gals. a min

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal all are drawn with a pump. No. 1 all are on
sec 12-4, 18-5-3

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. No. 1 April 15 - 1912 No. 2 July 10, 1912

8. The depth of water table. No. 1 - 91 ft No. 2 - 30 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. No. 1 drilled, 15 in casing
No. 2 - hand dug, 5 ft rock cut

10. The estimated amount of groundwater withdrawn each year. No. 1 - 75,000 galls No. 2 - 50,000 galls

11. The log of formations encountered in the drilling of each well if available. No. 1 heavy loam
No. 2 heavy loam

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 Jak Sopotko

Date Dec 30, 1963

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

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

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

31913

286796

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of
December A. D. 1963, at
4:00 o'clock P.M.
Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42199

File No. _____

T. 18 R. 33

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 14 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1915 Dec 30, 1963

Owner John Sothka Address 121 North Mead Blondine

Contractor (if any) _____

Address of Contractor _____

Date Started April 22, 1915 Date Completed April 25, 1915

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

water tank 2 ft deep

1 gall. a min

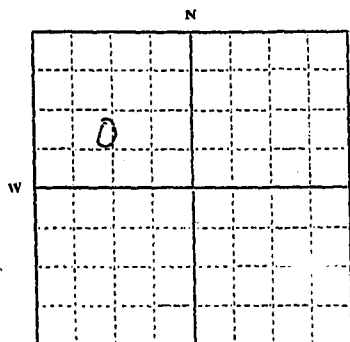
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate length of periods of use 12 months

of the year

Signature of Owner John Sothka

Dated Dec 30, 1963



SE 1/4 Sec. 24 T. 18 R. 13

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.

31912

1990-1991

FOOTNOTES: 1. *Washington Post*, 12/12/77, p. 1.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 01-27-2001 BY 60322 UCBAW/STP

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1. *What is the purpose of the study?*
 2. *What are the research questions or hypotheses?*
 3. *What is the study design?*
 4. *What are the variables?*
 5. *What are the data sources?*
 6. *What are the data collection methods?*
 7. *What are the data analysis methods?*
 8. *What are the results?*
 9. *What are the conclusions?*
 10. *What are the limitations?*
 11. *What are the implications?*
 12. *What are the future research directions?*
 13. *What are the ethical considerations?*
 14. *What are the funding sources?*
 15. *What are the acknowledgments?*
 16. *What are the references?*
 17. *What are the appendices?*
 18. *What are the footnotes?*
 19. *What are the tables?*
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1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

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• S^{2-} is oxidized to S_8 (solid) by H_2O_2 (aq) in acidic solution.

2. *Explain the importance of the following factors in the development of a country's economy:*

Journal of Management Education 36(7)p.809-824

1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 26

[illegible]

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of December A. D. 1963, at 4:00 o'clock P. M.

7-00 o'clock 2 M.
Garlon W Russell
County Clerk and Recorder.

By _____ Deputy.

GW

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

File No. _____

DUPLICATE

T. 18

R. 53

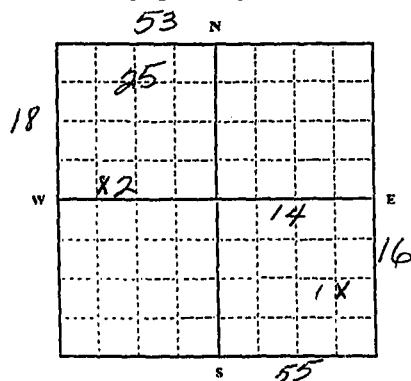
County

RECEIVED
JAN 14 1954STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John Olson Jr., of B.F. Rte Glendine
(Name of Appropriator) (Address) (Town)County of Golden State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1/4 Sec. T. R.

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

#1 - 14-16-55

#2 - 25-18-53

2. The beneficial use on which the claim is based NO-1 corn & Stock & House3. Date or approximate date of earliest beneficial use; and how continuous the use has been NO-1-60 yrs NO-2 10 yrs

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
NO-1 1/2 acre Sprinkler for Irrigation
at E gal. Marsh6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal NO-1 Pump
Spring on NO-1 NO-2 By Pump7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater NO-1 well before my time NO-2 well 10 yrs ago8. The depth of water table NO-1-60 FT NO-2 170-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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

Date 12-31-60

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.

32105

287000

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1963, at
4:30 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

File No.

DUPLICATE

T. 18 R. 53

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

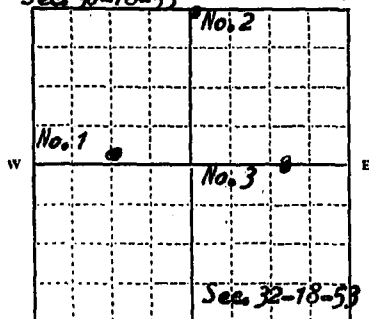
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 14 1964
STATE ENGINEER

1. Ralph Newton & Sons, of Bloomfield Rte. Glendora
(Name of Appropriator) (Address) (Town)

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

Sec. 30-18-53 N Sec. 29-18-53



29-36-32
1/4 Sec. T. 18 R. 53

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. well No. 1 1922
well No. 2 1959
well No. 3 1959 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute); five gallons per minute No. 1 & 2
eight gal. per minute No. 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 well No. 1 used for household lawn garden and trees also stock No. 2 is flowing well flowing about 8 gallons per minute.
No. 3 is drilled well
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal No. 1 has windmill and pressure pump. No. 2 is a flowing well
No. 3 is a drilled well with windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Dec. 1922 and summer of 1959
8. The depth of water table. not known
9. So far as it may be available, the type, size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater. No. 1 is four inch casing 24 feet deep
No. 2 is drilled well 2 inch casing 126 feet deep
No. 3 is drilled well four inch casing 202 feet deep
10. The estimated amount of groundwater withdrawn each year. 7,000,000 gal. per yr.
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

Ralph Newton & Sons
by Ralph Newton DEC 30 1963
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.

31826

File No. _____

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—41337

T. 18 R. 53

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 20 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1942

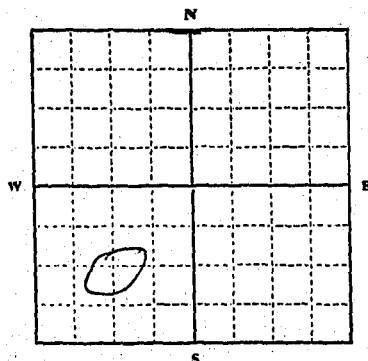
Owner Lusail Lewis Address Leidney, Mont

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. This is a natural spring created by natural process



S. 4 1/4 Sec. 33 T. 18 R. 53
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. 6,000 gpd per day for approximately 90 days

Signature of Owner Lusail Lewis

Date Dec 12, 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.

10748

286342

STATE OF MONTANA
County of Dawson

Filed for record this 18th day of
December A. D. 1963 at
2:00 o'clock P.M.

Gordon A. Russell
County Clerk and Recorder

By Faye Scheith Deputy

See Pl. 200

GROUNDWATER INDEX

Page 1 of 1County DanversTwp. 18 NRge. 54 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
3	Mullet, Mrs. Ora	H W 4	286568	
4	Mullet, Mrs. Ora	H W 4	286568	See Sec 3 Above
6	Heiger, Walter & John P.	H W 4	282526	
8	Heiger, Walter	H W 3	282525	
8	Heiger, Walter & John P.	H W 4	282526	See Sec 6 Above
10	Doane, Mrs. Edna	H W 4	286688	
10	Doane, Edna	H W 2	295824	
13	Kolberg, Jonas	H W 3	286978	
15	Mallet, Enea	H W 3	286991	
16	Evans, Mrs. & Mrs. Russell	H W 3	286587	
17	Evans, Mrs. & Mrs. Russell	H W 3	286587	See Sec 16 Above
17	Heiger, Walter & John P.	H W 4	286568	See Sec 6 Above
19	Westing, Theald, Joseph & Pte.	H W 4	287030	
21	Evans, Mrs. & Mrs. Russell	H W 4	286589	
21	Evans, Mrs. & Mrs. Russell	H W 3	286587	See Sec. 16 Above
22	Evans, Mrs. & Mrs. Russell	H W 3	286587	See Sec 16 Above
24	Heiger, Walter & John	H W 2	30993	3-
25	Evans, Mrs. & Mrs. Russell	H W 3	286588	
26	Baese, Blanche (Albott)	H W 3	286694	
27	Evans, Mrs. & Mrs. Russell	H W 3	286588	See Sec 25 Above
28	Evans, Mrs. & Mrs. Russell	H W 3	286588	See Sec 25 Above
29	Evans, Mrs. & Mrs. Russell	H W 3	286588	See Sec 25 Above
30	Appleby, William	H W 3	286671	
33	Northern Pacific Railway Co.	H W 3	286028	
30	APPLEBY, WILLIAM	G W 4	286672	

GW

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

File No. _____

T 18 R 54

DUPLICATE

County Dawson

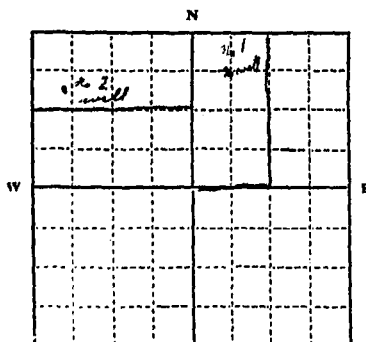
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Mrs Ora Mullet, of Blainville,
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



No. 2 SW 1/4 of NW 1/4 sec 4 T18 R54
No. 1 NW 1/4 of NW 1/4 sec 3 T18 R54
1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based no. 1 household and stock, no. 2 stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been no. 1 1917 continuous use since
no. 2 1914 continuous use since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) no. 1 10 gallons per minute, no. 2 20 gals. 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 not applicable
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, no. 2 pump jack
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater no. 1 well 1917, no. 2 well 1914
8. The depth of water table no. 1 well 142 ft., no. 2 well 80 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 no. 1 well 6 inch diameter 155 ft., no. 2 well 6 inch diameter 95 ft.
10. The estimated amount of groundwater withdrawn each year no. 1 well 15,000 gal, no. 2 well 2,000
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 not applicable

Signature of Owner Mrs Ora Mullet
by D. Keith Mullet
Date Dec 24, 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.

31709

File No.

T 18 R 54

DUPLICATE

County Dawson

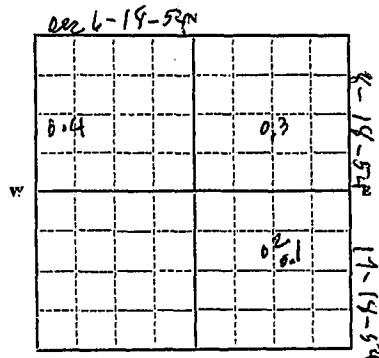
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 25 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Walter Heiger & John P. Heiger, of Bloomfield Rte Glendine
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



sec. 17-18-54
sec. 18-18-54
sec. 19-18-54
sec. 20-18-54
sec. 21-18-54
sec. 22-18-54
sec. 23-18-54
sec. 24-18-54
sec. 25-18-54
sec. 26-18-54
sec. 27-18-54
sec. 28-18-54
sec. 29-18-54
sec. 30-18-54
sec. 31-18-54
sec. 32-18-54
sec. 33-18-54
sec. 34-18-54
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sec. 89-18-54
sec. 90-18-54
sec. 91-18-54
sec. 92-18-54
sec. 93-18-54
sec. 94-18-54
sec. 95-18-54
sec. 96-18-54
sec. 97-18-54
sec. 98-18-54
sec. 99-18-54
sec. 100-18-54

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 hold and livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been No. 1, 1909, continuous No. 2 - 1946, continuous, No. 3, 1947, continuous and No. 4, 1961, 4 months of the year.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) No. 1, 5 gals. a min. No. 2 - 3 gals. No. 3, 3 gals. and No. 4, 3 gals.
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 all are drawn with a pump, No. 1, sec. 17-18-54 No. 2, 17-18-54, No. 3, 8-18-54, No. 4, 6-18-54
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater No. 1, May 1919, No. 2 - April 15, 1946, No. 3, Oct 20 1947, No. 4 Sept 25, 1961
8. The depth of water table No. 1 - 24 ft, No. 2 - 26 ft, No. 3 - 180 ft, No. 4 - 86 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 No. 1, Hand dug, Rocked out, 4 ft diameter & 24 ft, No. 2 - drilled 4 in casing, 26 ft, No. 3 - drilled 5 1/2 in casing 180 ft, No. 4 drilled 5 1/2 casing 86 ft deep.
10. The estimated amount of groundwater withdrawn each year No. 1 - 91,250 - No. 2 - 50,000 - No. 3 75,000 - No. 4 - 40,000
11. The log of formations encountered in the drilling of each well if available No. 1 - heavy loam & gravel, No. 2 - heavy loam & gravel, No. 3 - light loam & coal, No. 4 - heavy loam & clay & green sand
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner

Walter Heiger & John P. Heiger

Date

Feb 20 - 1963

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

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

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

3727

Fee pd. #2 as

File No.

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—39089

T. 18 R. 54

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 25 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Feb 20, 1963

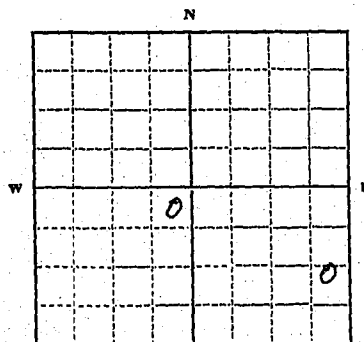
Owner Walter Heiger Address Bloomfield Ave

Contractor (if any)

Address of Contractor

Date Started July 10, 1912 Date Completed July 15, 1912

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. pipe from spring to water tank, 3 ft deep
on gal. a min.



$\frac{1}{4}$ Sec. 8 T. 18 R. 54

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 12 months
of the year

Signature of Owner Walter Heiger & John P. Heiger

Date Feb 20, 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.

3726

282525

STATE OF MONTANA
County of Dawson

Filed for record this 21st day of
Feb A. D. 1962, at
2:00 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder.

By Alvin Austhy Deputy.

Fee pd. # 2.00

GW

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

File No. _____

T. 18 R. 54

DUPLICATE

County DAWSON

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
 JAN 14 1964

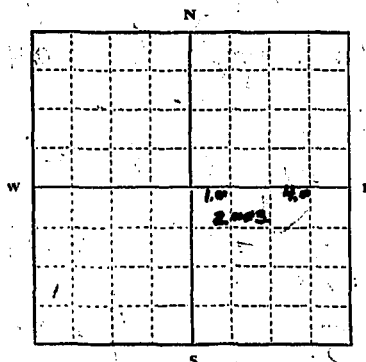
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Mrs Edna Doane, of Bloomfield Montana
 (Name of Appropriator) (Address) (Town)

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



S 1/4 E Sec. 10 T. 18 R. 54

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. irrigation
 2. household 3. 4 4. livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
 1. 1953 2. 1917
 3. 1917 4. 1953
All Wells have been used continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
 1. 30 gal. per min. 2. 3 3. 9 p.m.
 4. 3 5. 9 p.m. 6. 10 7. 9 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
 1. 1 ACRE GARDEN
OWNER: EDNA DOANE
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. pump 3. pump
 4. pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
 1. 1953 2. 1917 3. 1917
 4. 1953
8. The depth of water table
 1. 10 Feet 2. 10 Feet 3. 10 Feet 4. 6 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.
 1. 30 ft. x 10 ft. 2. 12 Feet deep
 3. 3 ft. diameter 4. 14 ft. deep
 5. 5 ft. diameter 6. 14 ft. deep
 7. 20 ft. x 10 ft. 8. 10 ft. deep
10. The estimated amount of groundwater withdrawn each year
 1. 18,000 gal. 2. 14,600 gal. 3. 10,000 4. 20,000
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 NONE

Signature of Owner Mrs Edna DoaneDate 12-30-63

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

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

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

31805

1. The first of the following conditions of the contract is that the contractor shall...
 2. The second of the following conditions of the contract is that the contractor shall...
 3. The third of the following conditions of the contract is that the contractor shall...
 4. The fourth of the following conditions of the contract is that the contractor shall...
 5. The fifth of the following conditions of the contract is that the contractor shall...
 6. The sixth of the following conditions of the contract is that the contractor shall...
 7. The seventh of the following conditions of the contract is that the contractor shall...
 8. The eighth of the following conditions of the contract is that the contractor shall...
 9. The ninth of the following conditions of the contract is that the contractor shall...
 10. The tenth of the following conditions of the contract is that the contractor shall...

286688

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of
December A. D. 1963, at
3:20 o'clock P. M.

Gordon W. Russell
 County Clerk and Recorder.

By _____ Deputy.

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—42329

STATE WATER CONSERVATION BOARD

File No. _____

T. 18 N. R. 54 E.

DUPLICATE

MAY 2 1966

County _____

LOG

Billie _____ McDermott _____
 Butzerin _____ McNulty _____
 Cayle _____ Morrison _____
 Dainton _____ Sullivan _____
 Dekert _____

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)

13' Gravel + Sand Dry
 26' Hard Sand + Water
 35' Churn Sand Bottom
 of Well
 Well Baler Tests
 20 gal. Per min.
 Before Cased +
 Graveled.

Owner Edna Doane Address Bloomfield Mont.Driller Durby C. Whitman Address Bloomfield Mont.

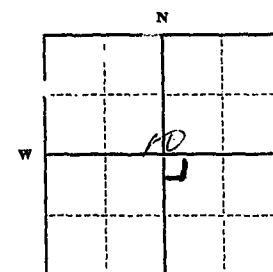
Date of Notice of appropriation of groundwater _____

Date well started Oct. 1, 1965 completed Oct. 22, 1965Type of well Drilled Equipment used 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)
5"	5" 15# 50'	29'	to Bottom	Foot Long	12'	to Bottom
				1/4" Wild		



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for flowing well _____

Pumping Water Level _____ feet

Flow _____ gal. per min.

Seepage in gal. per min. _____

How Tested gaugeLength of Test 30 min at 20 gpmRemarks: (Gravel packing, casing, packers, type of shutoff) gravelpacking

(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).

Will use for garden + farm stock

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

107
Durby C. Whitman
 Driller's Signature

41015

Free Pd \$2.00

File No. _____

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County _____

JAN 14 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 287 Montana Session Laws, 1961)

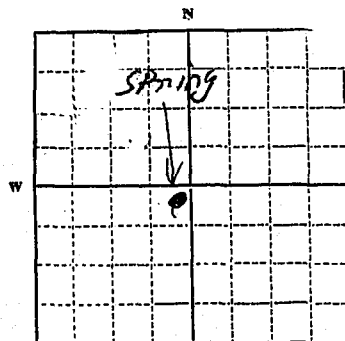
Type of Appropriation of Groundwater 1943Name Jonas A. [unclear]Address Bloomfield

Name of Contractor _____

Date _____

Date Completed _____

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

Natural Flowing Spring

W 1/4 Sec 13 T 18 R 54

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.

8 gals per minute -constant use

Signature of Owner _____

Date Dec 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.

32083

286978

STATE OF MONTANA
County of Dawson

Filed for record this 36th day of
December A. D. 1963, at
4:30 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42262

File No. _____

T. 18 R. 54

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 14 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961).

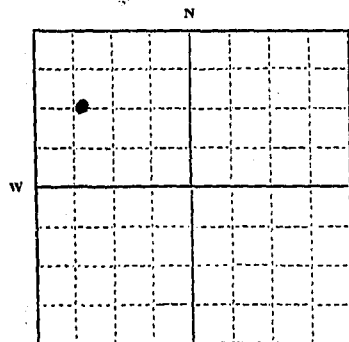
Date of Appropriation of Groundwater Dec. 31, 1963Owner Egna Miller Address Bloomfield, Mont.

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. This is a natural spring and flows continuously.



N.W. 1/4 Sec. 15 T. 18 R. 54
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. From 1st of April till 1st of December

Signature of Owner Egna MillerDate Dec. 31, 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.

32096

286991

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1963, at

4:30 o'clock P. M.

Gordon W. Russell

County Clerk and Recorder.

By _____ Deputy.

T

County

JAN 14 1964

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Owner Mr. Wm. A. Bennett Address 14 London

Contractor (if any) Self

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.....

Dam No. 1 built in 1940

112 1941

" " 3 " " 1952

" " 4 " " 1938

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.....

Continue use

.....

.....

[illegible]

By _____

Signature of Owner.....Wesley Evans

DEC 27 1962

Date..... DEC 27 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.

5725

File No. _____

No. 167

DUPLICATE

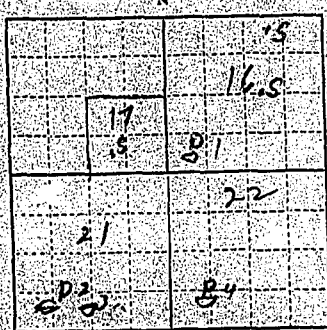
County _____

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)

*Springs?
or Surface water?*



Date of Appropriation of Groundwater: *Dec 27 1963*

Owner: *Mrs. Russell Evans* Address: *Helena*

Contractor (if any): *Self*

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.

Dam No. 1 built in 1940
" " " " *1941*
" " " " *1952*
" " " " *1938*

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

Continuous use

1/4 Sec. 17 T. 18 R. 54
Indicate point of appropriation and place of use, if possible.

*16-18-54
21-18-54
22-18-54*

Signature of Owner: *Russell Evans*

Date: *DEC 27 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.

31725

286587

STATE OF MONTANA
County of Dawson

Filed for record this 27th day of

December A. D. 1963, at
4:00 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder

By _____ Deputy.

File No.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 18 R. 54
County
RECEIVED
JAN 14 1964

Declaration of Vested Groundwater Rights

STATE ENGINEER

Harold W. Wester (Under Chapter 237, Montana Session Laws, 1961)

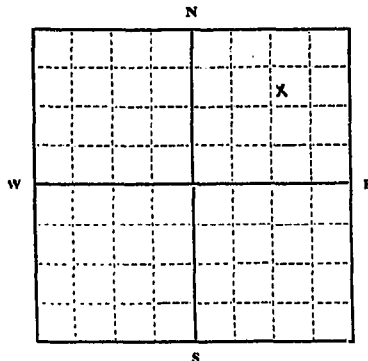
Joseph B. Wester

1. Patricia Ann Wester
(Name of Appropriator)P.O. Box 1128 Glendive
(Address) (Town)

County of LAWSON

State of MONTANA

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



..... 1/4 Sec. 17 T. 18 R. 54

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 For Household use and livestock.3. Date or approximate date of earliest beneficial use; and how continuous the use has been Approximately 50 years.4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute.5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof No.6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand pump.7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Approximately 1912.8. The depth of water table 19 feet9. 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 Depth 22 feet Hand dug - 3 feet in diameter. Curbed with Rock.

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

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

Unknown

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

None

Signature of Owner Joseph B. Wester
Patricia Ann Wester
Harold Wester Agent

Date Dec 30, 1963.

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

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

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

32135

THE FEDERAL BUREAU OF INVESTIGATION OF THE DEPARTMENT OF JUSTICE

CONFIDENTIAL

OFFICE OF THE ATTORNEY GENERAL

CONFIDENTIAL

3. In order to ensure that the information is accurate and complete, the information should be verified with the source of the information.

The use of INTERCOMPARISON was considered as the consequence of the use of INTERCOMPARISON and INTERCOMPARISON.

THESE

1408

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

287030

the 1990s, the number of people in the United States who are 65 years of age or older is projected to increase from 20 million to 30 million, and the number of people 75 years of age or older is projected to increase from 10 million to 15 million (U.S. Census Bureau, 1997).

4098

287030

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of December A. D. 1963, at 4:30 o'clock P.M.

9:50 o'clock M.
Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

GV

Approved Stock Form—State Publishing Co., Helena, Montana—41921

File No. 4

T

R

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

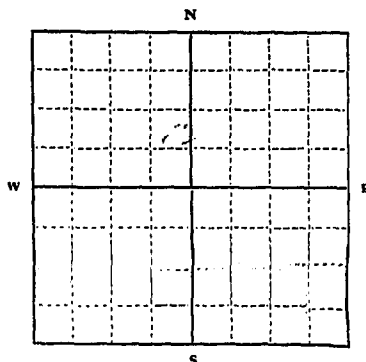
RECEIVED
JAN 14 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Mr. & Mrs. Russell Evans, of Edmonton
(Name of Appropriator) (Address) (Town)
County of Dawson State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE $\frac{1}{4}$ SE Sec. 71 T. 18 R. 54

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 1.711 used
Aug in 1889 stock water

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1-5 gal per min
2-3

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

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

1. Pump jack with electric motor
2. "

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 1-30 ft 2-8 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

1- 3.5 ft deep 40" rock case
2- 19 ft 5" iron

10. The estimated amount of groundwater withdrawn each year

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

Unknown 1,000,000 gal.

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 Russell Evans

Date DEC. 27. 1963

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

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

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

31727

286589

STATE OF MONTANA
County of Dawson

Filed for record this 27th day of
December A. D. 1963, at
4:02 o'clock P.M.
Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

GW 2

MONTANA WATER RESOURCES BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—1562

File No. _____

RECEIVED

T. 13

R. 54

DUPLICATE

MAY 11 1970

County

Lawson

LOG

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 297, Montana Session Laws, 1961)

Owner

Walter + John Heigen

Address

Blanchine

Driller

Dorothy Whitmer

Address

Bloomfield

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

Date well started Nov 9-1969 Date completed Jan 24-1970

Type of well

Drilled

Equipment used

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 at 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"	5" x 2" D.					
	15 lb.					

Doc. No.

309 932

Filed for record

This

8 day

in May

A. D. 19

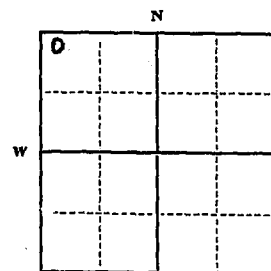
76

at

11:00

rock

P. M.



Static Water Level for non-flowing well

254 feet.

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

Pumping Water Level 319 feet

at 11 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested.....

Length of Test.....

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

NW 1/4 Sec. 24 T. 18 R. 53

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

(Continue on reverse side)

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

Show exact depth of bottom.

This form to be preserved by the County Clerk and Retained by Driller.

Driller, and three copies to be filed by the owner with the County Clerk and Retained by Driller.

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

Driller's License Number

Driller's Signature

16427

RECEIVED AT 22 JANUARY 1970

Phone Number 207 Mountain View 1970

Location of water source

Approximate location of water source

Date of notice of appropriation or groundwaters

Date well started

Depth of well

Type of well (open, driven, bored, or other)

Water use (Domestic, Industrial, Irrigation, Other)

Indicate on the sketch the location of the well, the location of the water source, and the location of the water right.

Sketch of the well and water source

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309933

STATE OF MONTANA
County of Dawson
Filed for record this 8th day of May A. D. 19 70 at 11:00 o'clock A. M.
Davidson H. Russell
County Clerk & Recorder
By Patricia Russell Deputy

File No. 2T. 18 R. 54

DUPLICATE

County Danahoe

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R
JAN 14 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 20 1963Owner Mr. & Mrs. Russell C. Cross Address HelenaContractor (if any) Self

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.

Spring on 27 is piped, it runs about 1 gal per min
Spring on 28 is piped, it runs 1 gal per min

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.

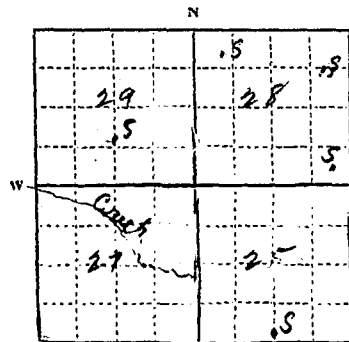
Continuous useSignature of Owner Russell C. CrossDate DEC 27 1963

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 (this form will be returned.

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



1/4 Section 25 T. 18 R. 54

Indicate location of appropriation
and place of use if possible.

27-18-5428-18-5429-18-54

286588

STATE OF MONTANA
County of DeWitt

Filed for record this 21st day of
December D. 1963, at

4:00 o'clock P.M.
Gordon W. S. D. S. Hall
County Clerk, Recorder.

By _____ Deputy.

File No. _____

T. 18 R. 54

DUPLICATE

County DARWIN

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

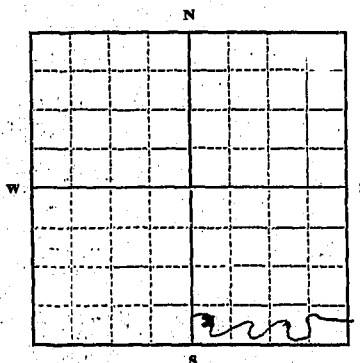
RECEIVED
AUG 13 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Approx. 1910Owner Blanche (abbott) Bruce Address Box 1225 - Glendive, Mont.Contractor (if any) NoneAddress of Contractor NoneDate Started None Date Completed None

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



2 1/4 Sec 26 T. 18 R. 54

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

320 Acres

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.

Continuous

Stock and Household use

Signature of Owner Blanche (abbott) Bruce

Date August 12, 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.