

GROUNDWATER INDEX

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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 Keith Guelff

Address

Date well started 8-2-72

completed 8-8-72

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

Equipment used rotary
(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

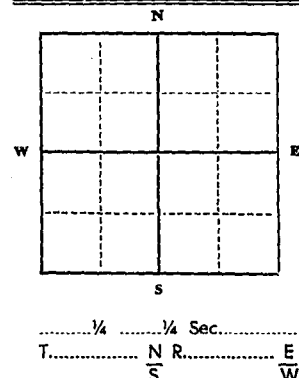
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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
6 1/4"	4 1/2" steel	1' above C.L.	258	Kind Size From (Feet) To (Feet)
				slotted 233 258



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

Driller's Signature M. E. Wollish

Driller's Address 916 So. Taylor

Blendenburg, Mont. LICENSE NO. 223

RECEIVED

County Dawson

NOV 27 1972

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	8	soil
8	28	red fine gravel
28	122	clay with some gravel
122	146	dark green fine sand
146	186	clay with some gravel
186	199	shale grey very hard
199	225	clay grey
225	227	clay
227	235	clay
235	249	clay
249	254	hard
254	258	clay blue

140

Cost Data Reviewed

DATE 10-9-72

140

140

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258 Show exact depth of bottom

5,899

STATE OF MONTANA
County of Dawson
Filed for record this 24th day of
November A. D. 1912 at
1:15 o'clock P. M.
Barbara H. Russell
County Clerk & Recorder
By Walter J. Sheffield Deputy

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Keith Guelff

Address _____

Date well started 8-2-72

completed 8-8-72

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

Equipment used rotary
(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

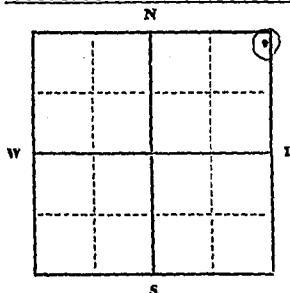
Industrial ☐ Drainage ☐ Other ☐ * Garden/Lawn ☐

*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>6 1/4"</u>	<u>4 1/2" steel</u>	<u>1' above G.L.</u>	<u>258</u>	<u>slotted</u>	<u>233</u>	<u>258</u>



Static water level 140' ft.*
Pumping water level 148' ft.*
at 10 gallons per minute,
measured 120 minutes after pumping began.

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

Power foot-candle Pump gal. HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

Nc. 1/4 Sec. 1
T. 15 N. R. 53 E.
S. W.

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

Driller's Signature M. E. Wallin

Driller's Address 916 So. Taylor

Glendive, Mont. LICENSE NO. 223

County Glendive

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)	
<u>0</u>	<u>8</u>	<u>soil</u>
<u>8</u>	<u>28</u>	<u>fine gravel</u>
<u>28</u>	<u>128</u>	<u>clay yellow grey</u>
<u>128</u>	<u>146</u>	<u>dark grey fine</u>
<u>146</u>	<u>186</u>	<u>clay yellow grey</u>
<u>186</u>	<u>189</u>	<u>shale grey very hard</u>
<u>189</u>	<u>225</u>	<u>clay grey</u>
<u>225</u>	<u>227</u>	<u>cap</u>
<u>227</u>	<u>233</u>	<u>clay</u>
<u>233</u>	<u>248</u>	<u>cap</u>
<u>248</u>	<u>258</u>	<u>hard</u>
<u>258</u>	<u>258</u>	<u>clay blue</u>

258 Show exact depth of bottom

51,899

File No.

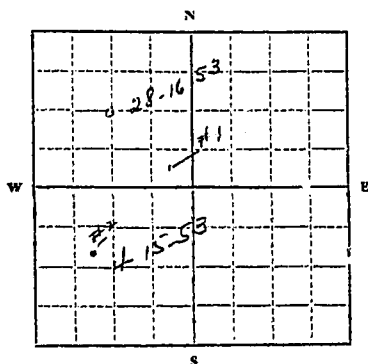
DUPLICATE

T. 16 R. 53
T. 15 R. 53
County DawsonSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Merton Nentwig of Cracker Box Route 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 $\frac{1}{4}$ Sec. 28 T 16 R 53
NW $\frac{1}{4}$ Sec. 4 T 15 R 53Indicate 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-Livestock...
...#2-Livestock...3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been...#1-1912...#2-1920...4. The amount of groundwater claimed (in miner's inches or gallons
per minute)...#1-5 G.P.M....#2-5 G.P.M....5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
...None...6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal...
#1-windmill pump jack...#2-windmill pump jack...7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater...#1-1912...#2-1920...

8. The depth of water table...#1-60'...#2-30'...

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-windmill pump jack 125' deep 4" casing
#2-windmill pump jack 60' deep 4" casing...

10. The estimated amount of groundwater withdrawn each year...Both wells 1,296,000 gal per year

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

Merton Nentwig

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.

14255

256525
286525

File No.

T. 15 R. 53

DUPLICATE

County. Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

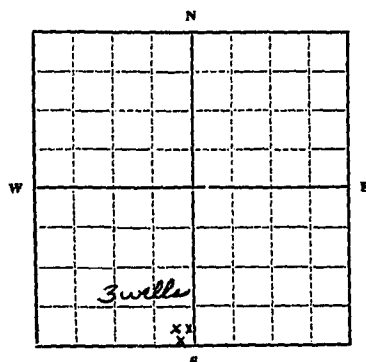
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

JAN 14 1964

STATE ENGINEER

1. Kenneth Edwards, of C.B. Route Glen Dale
(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. 2 T. 15 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.
Domestic and livestock use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
continuous since 1910
4. The amount of groundwater claimed (in miner's inches or gallons per minute).
unlimited supply
all 3 wells
4000 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.
no
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
2 pressure systems and pump & foot
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
beg in 1912, reworked some
8. The depth of water table.
18'
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 a 6" drilled well with casing
the other 2 have 24" casing
10. The estimated amount of groundwater withdrawn each year.
no idea
11. The log of formations encountered in the drilling of each well if available.
no
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

Kenneth E. EdwardsDate. 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.

32003

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 _____ Deputy.

286897

File No.

T. 15 R. 53

DUPLICATE

County Dawson

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 1912 2 Springs, 2 DamsOwner Tenneth Edwards Address Helena, Mont.Contractor (if any) Ed. Holmquist on DamsAddress of Contractor Helena, MontanaDate Started Fall 1963 Date Completed Fall 1963Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. These are natural

springs that run in the springs
months, the dams were built
to accumulate more water supply

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

estimate approximate lengths of periods of use 15 gal per
minute

The springs run excellent in
early spring, with unlimited
supply, the dams were built
to catch the over flow (built to S.G.S
regulations)

Signature of Owner Tenneth EdwardsDate 12/30/63

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.

286896

STATE OF MONTANA
County of Dawson

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

Harold W. Russell
County Clerk & Recorder.

By _____

Deputy.

File No.

T. 15 R. 53

DUPLICATE

County Dawson

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

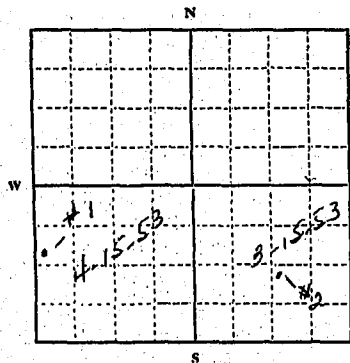
Owner Merton Nentwig Address CB Route, Glendive

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 flow to surface both springs



..... 1/4 Sec 34 T. 15R. 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.....

#1 - intermittant flow - 9 months each year#2 - continuous flowSignature of Owner Merton NentwigDate December 26, 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.

14253

286523

STATE OF MONTANA
County of Dawson

Filed for record this 26th day of
December A. D. 1963, at
4:30 P. M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

See Pl #2

File No.

DUPLICATE

T. 15 R. 53

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

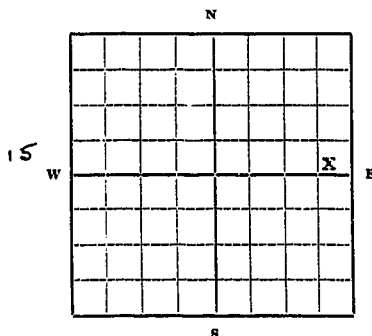
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. M. N. Guelff Farms Inc., 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:



SE 1/4 Sec. 4 T. 15 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 irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 400 miner's inches
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 40 acres
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 1959
8. The depth of water table 40'
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. 4" 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.

M. N. GUELFF FARMS INC.

By: Mike N. Guelff
Signature of Owner

President

Date 12/24/63

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 School of Mines and Quadruplicate for the Appropriator.

14237

286505

STATE OF MONTANA

County of Dawson

Filed for record this 76th day of
December A. D. 19 63, at
1:00 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

Hee Rd #2

File No.

T. 15 R. 53

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

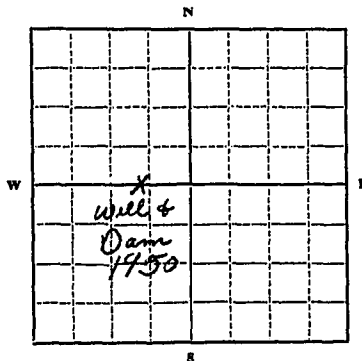
RECEIVED
JAN 14 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Kenneth Edwards, of C.B. Route, 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. 8 T. 15 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
water

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been since 1950 for
summer pasture

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 12 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 windmill & pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater summer 1950

8. The depth of water table no idea

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 casing 70 feet deep

The dam supplies water also as for watering
livestock 200 yards used

10. The estimated amount of groundwater withdrawn each year no idea

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 availableSignature of Owner Kenneth EdwardsDate 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.

32007

286901

STATE OF MONTANA
County of Dawson

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

Edmond W. Russell
County Clerk and Recorder.

By _____ Deputy.

File No.

DUPLICATE

T. 154 R. 53E

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

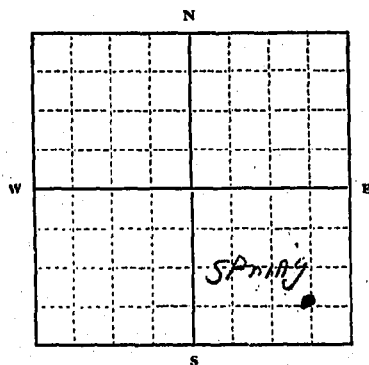
Date of Appropriation of Groundwater 1913Owner C. A. Howard Jr. Address Abundeen South Dakota

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 Flowing Spring

SE 1/4 Sec. 8 T. 15 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

25 gals Per minute -Constant useC. A. Howard Jr.Signature of Owner by Bennett EdwardsDate 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.

32009

286903

~~286903~~

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of

December A. D. 1963, at

3:30 o'clock P.M.

John W. Russell

County Clerk and Recorder.

By _____ Deputy.

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38687

File No.

T. 15 R. 53

DUPLICATE

County Dawson

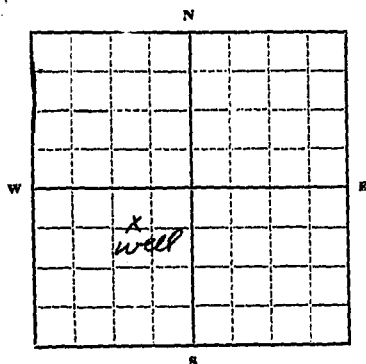
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth Edwards, of C.B. Route 1, 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, 1964, as follows:



SW 1/4 Sec. 9, T. 15 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.....

Five stock water

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

around or about 1925

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

1.6 gallon per minute
used 8 months a year

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.....

windmill and pump

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

about 1925

8. The depth of water table.....

don't know

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.....

four inch casing 70' deep

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

none

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.....

Kenneth EdwardsDate 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.

32004

12. When such recommendation of a change herein is made as to the name of the land, the same shall be recorded in the office of the County Clerk and Recorder of the County of Dawson, Montana, and the same shall be a part of the public records of said County.

13. The fee of recording such recommendation shall be the same as the fee of recording a deed.

14. The recommendation of a change herein shall be subject to the approval of the Board of Commissioners of the County of Dawson, Montana.

15. The recommendation of a change herein shall be subject to the approval of the Board of Commissioners of the County of Dawson, Montana.

16. The recommendation of a change herein shall be subject to the approval of the Board of Commissioners of the County of Dawson, Montana.

17. The recommendation of a change herein shall be subject to the approval of the Board of Commissioners of the County of Dawson, Montana.

18. The recommendation of a change herein shall be subject to the approval of the Board of Commissioners of the County of Dawson, Montana.

19. The recommendation of a change herein shall be subject to the approval of the Board of Commissioners of the County of Dawson, Montana.

20. The recommendation of a change herein shall be subject to the approval of the Board of Commissioners of the County of Dawson, Montana.

286898
286898
STATE OF MONTANA
County of Dawson

Filed for record this 21st day of
December A. D. 1963, at
8:30 o'clock P.M.

Harold W. Russell
County Clerk and Recorder.

By _____ Deputy.

File No.

T. 15 R. 53

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

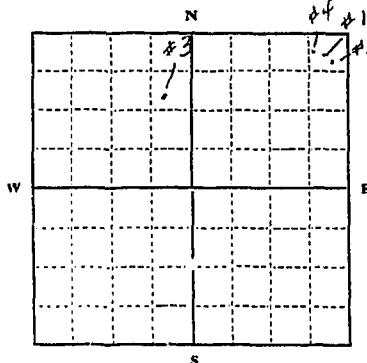
RECEIVED
DEC 30 1963

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

STATE ENGINEER

1. Merton Nentwig, of Cracker Box Route 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:



N. 1/4 Sec. 10 T. 15 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. #1 Domestic, #2 Livestock, #3 Livestock #4 Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. #1 1959 Continuous, #2 1920 Continuous, #3 1959 Continuous, #4 1961 Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute). #1 5 G.P.M., #2 5 G.P.M., #3 5 G.P.M. and #4 5 G. M. 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. #4 one-half acre irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. #1 Centrifical electric pump; #2 Electric Pump jack; #3 Gas motor pump Jack; #4 electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. #1 1959; #2 1920; #3 1959; #4 1961
8. The depth of water table. #1 10' #2 10' #3 30' #4 10'
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 Centrifical 40' deep 4" casing; #2 dug well 10' deep, rock casing; #3 pump jack 60' deep 4" casing; #4 pump jack, 40' deep, 4" casing
10. The estimated amount of groundwater withdrawn each year. 1,296,000 gal. per well per year
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

Merton Nentwig
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.

14254

286524

STATE OF MONTANA
County of Dawson

Filed for record this 26th day of
December, A. D. 1963, at
4:30 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

Lee D. F. 200

RECEIVED
JAN 21 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 15 R. 53
County. Dawson

WATER WELL LOG

Owner: Merton Mentwig Address: Glendive, Montana
Driller: Harold Garvin Address: Lindsay, Montana
Date Started: _____ Date Completed: Oct. 15, 1957
Location: Sec. 10 T. 15 R. 53 1/4 sec. N.E.

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

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

Casing: 5 ft. to 45 ft. Type: Standard black 4"

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

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

Perforated or Screened: Ft. 30 to ft. 45 Ft. _____ to ft. _____

Type of screen or perforations: 3/16" x 3" slots cut in casing

Static Water level, for non-flowing well: 10 ft. from surface feet.

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

Pumping water level: 20 ft. from surface feet at _____ gal. per min.

How tested: Flush bucket

Length of test: One hour

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

(over)

RECEIVED
MAY 15 1959

T. 15 R. 53
County Dawson

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Merton Mentwig Address: Glendive Mont.
Driller: H. J. Garvin Address: Glendive Mont.
Date Started: June 25, 1958 Date Completed: June 27, 1958
Location: Sec. 16 T. 15 R. 53 1/4 sec. N.W.

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

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

Casing: 0 ft. to 54 ft. Type: heavy steel Size: 4"

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

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

Perforated or Screened: Ft. 34 to ft. 54 Ft. _____ to ft. _____

Type of screen or perforations: slots cut in casing

Static Water level, for non-flowing well: 25 feet.

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

Pumping water level: 35 feet at 8 gal. per min.

How tested: slush bucket

Length of test: one hour

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

(over)

[illegible]

From	To
------	----

From	To
------	----

Description of Material Drilled

File No.

T. 15 R. 53

DUPLICATE

County Dawson

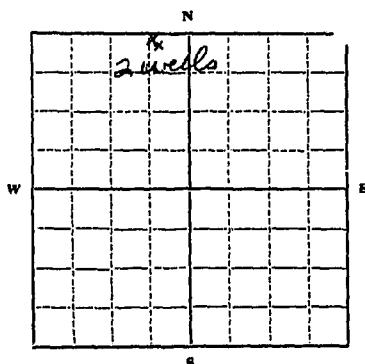
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth Edwards, of C.B. Route 14 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:



1/4 Sec. 11, T. 15 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.....Domestic & Irrigated Water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....1941 steady use
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....20 gallons Per minute
Both wells
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.....pump & jack

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....commenced & full of 1941

8. The depth of WATER TABLE.....About 14'

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.....Both wells are 24' in diameter one is 24' deep the other well is 36' deep

10. The estimated amount of groundwater withdrawn each year.....no idea

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 available

Signature of Owner Kenneth EdwardsDate 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.

32005

236899

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 _____ Deputy

File No.

T. 15 R. 53

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1-9-63 2 SpringsOwner Kenneth Edwards Address Bladwin, MontanaContractor (if any) noneAddress 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.

2 natural springs used
year around as live stock use
unlimited supply

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
25 gal per minute

Signature of Owner Kenneth EdwardsDate 12/30/63

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.

32 day for unimp
mentation to city

may be right
may be right to the fact
may be right to the fact

1015

286893

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 Russell
County Clerk and Recorder.

By _____ Deputy.

File No.

T. 15 R. 53

DUPLICATE

County DAWSON

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964

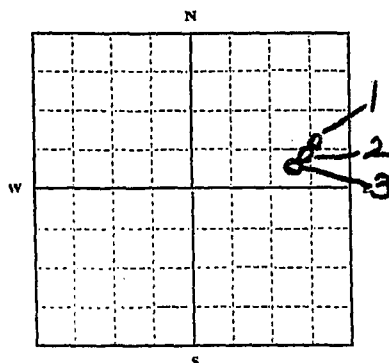
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. NEIL P. MELROSE, of Box 458 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:



NE 1/4 Sec. 12 T. 5 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. PERSONAL
House Hold, LIVESTOCK

3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been. 1 - 1922, STEADY
2 - 1932, "
3 - 1940, "

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) G.P.M. - 1.5 2.5
3.10

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 loca-
tion of each well or other means of withdrawal.
1. WINDMILL 2. ELECTRIC
PUMP 3. ELECTRIC PUMP.

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. 1. 1922 2. 1952 3. 1940

8. The depth of water table. 1. 26 FEET 2. 10 FEET 3. 10 FEET

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater. 1. DRILLED - 24 IN. - 26 FT.
2. DUG - 12" - 10"
3. DUG - 48" - 10"

10. The estimated amount of groundwater withdrawn each year. 1. 40,000 GAL. 2. 40,000 GAL.
3. 100,000 "

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

Neil P. Melrose
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.

31768

286645

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of
December A. D. 1965, at
11:00 o'clock A. M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

Fee pd. \$ 2.00

File No.

T. 15N. R. 53E. 14

DUPLICATE

County. Dawson

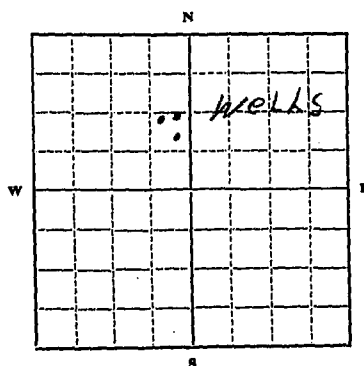
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
 JAN 14 1964
 STATE ENGINEER

1. Max Wentwig, of C.B.A. 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:



NW 1/4 Sec. 14 T. 15 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. Domestic use & live-stock water ing.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1908-1938-1963
Constant use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 24 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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
3 wells with electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1928-1938-1963
8. The depth of water table. 140 FT.; 140 FT.; 100 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. 2 wells with submersible pump
one 1 1/4 inch pipes to 140 FT
one well with pump 100 FT
10. The estimated amount of groundwater withdrawn each year. 2,257,659
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. Max WentwigDate. 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.

31901

286784

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of
December A. D. 1967, at
4:00 clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

GV

Approved Stock Form—State Publishing Co., Helena, Montana—39687

File No.

T. 15 R. 53

DUPLICATE

County Dawson

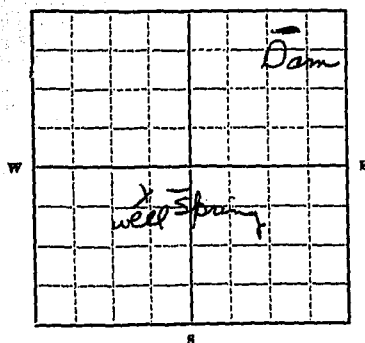
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 14 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Mrs. John J. Schommer of 821 Melrose Chicago Ill
(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:



NE
SW 1/4 Sec. 15 T. 15 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

3. Date or approximate date of ~~first~~ beneficial use; and how continuous the use has been well in 1948
Dam built 1950 SW
spring unknown

4. The amount of groundwater claimed (in miner's inches or gallons per minute) can't tell
spring & well together 25 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
no

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pump on well, pipe on spring
Dam fills by runoff

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well drilled in 1948 Natural spring
Dam built in 1950

8. The depth of water table Well is about 16'

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

The well is 30' deep with 24" casing

10. The estimated amount of groundwater withdrawn each year no idea

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 (S. G. Somayaji)

Signature of Owner

Mrs. John J. Schommer
by Pamela E. Schommer (Lesson)

Date 12/30/63

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

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

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

32011

286905

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 _____ Deputy.

File No.

T. 15N R. 53E

DUPLICATE

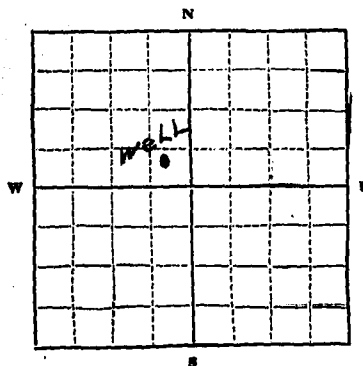
County Dawson

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)

I, Clifford M. Pederson, of C. B. Rt. Glandive
(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 NW 1/4 Sec. 17, T15N 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 irrigation
and livestock watering
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been January, 1962 and contin-
uous
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 6 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
All of Sec. 17, Twn. 15, Rng. 53
Clifford M. Pederson
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal
pipe with pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater January, 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 well drilled 106 feet
10. The estimated amount of groundwater withdrawn each year 538,560 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

Clifford M. Pederson

Date December 18, 1963

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

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

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

4227

286476

STATE OF MONTANA
County of Dawson

Filed for record this 23 day of
December A. D. 19 63, at
3:30 o'clock P. M.

London H. Russell
County Clerk and Recorder.

By E. M. Warren Deputy.

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—40472

File No.

T 15 R 53

DUPLICATE

County BlaineSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER 4 1964Top of Ground
estimated 2400
(Elev. above sea level.....)Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

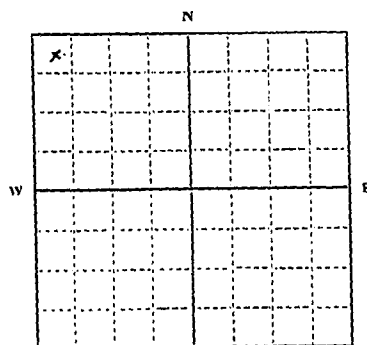
Owner A.R. Latka Address Glendive MontanaDriller Harold Gavin Address Lindsay Montana

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

Date well started Oct. 22-1963 Date Completed Oct. 24-1963Type of well drilled Equipment Used churn
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	4" I.D. 9 1/2 lbs. per foot	0'	52'	slots cut in casing 3/16" x 3"	38'	52'



T. 15 R. 53 Sec. 18

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 32 feet.

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

Pumping Water Level 35 feet at 17 gal. per minute.

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

How Tested slush bucket Length of Test one hour

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

Driller's License Number

Harold Gavin
Driller's Signature

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

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

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

32/40

287035

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.

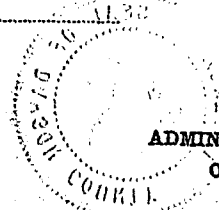
OW 3

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

File No. _____

T. 15R. 52S. 18

DUPLICATE

County 15

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 1940Owner A.B. Laska Address B-176 SkidderContractor (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.

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.

⊗ pipes to tank for stock water
X Spring for stock water holes

Signature of Owner [Signature]Date Dec 1, 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.

13-15-52 NW 18-15-53

24-15-52 s 19-15-53

1/4 Sec. T. 15 R. 52
Indicate point of appropriation
and place of use, if possible.
15-53

32142

257037

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—41933

STATE WATER CONSERVATION BOARD

File No.

DEC 9 1966

T. 15^N R. 53^E

DUPLICATE

County Dawson

Bill: _____ McDermott _____
 Butcher: _____
 Coy: _____
 Darlin: _____
 Dickert: _____

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Cliff Pederson Address: C.B. at Glend's MontDriller: Harold Gavin Address: Lindsay Mont

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

Date well started: Nov 19-1966 Date Completed: Nov 26-1966

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

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
 Industrial ☐ Drainage ☐ Stock ☒

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	4" S.D. 11 lbs per ft.	0	78	3/4" x 4"	39	42
					and 66	78

Static Water Level for non-flowing Well..... 42 feet.

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

Pumping Water Level..... 60 feet at 6 gal. per minute.

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

How Tested: slush bucket Length of Test: one hour

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).....

S. 4E Sec. 20 T. 15 R. 53
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Driller's License Number

85
Harold Gavin
 Driller's Signature

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

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

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

411410

... ..
... ..
... ..
... ..

[illegible][illegible]

297728

STATE OF MONTANA
County of Dawson
Filed for record this 12th day of
Dec A. D. 1966 at
9:00 o'clock A.M.
Harold A. Russell
County Clerk & Recorder
By Bettrice Russell Deputy

File No.

T. 15 R. 53

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

JAN 14 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 287 Montana Session Laws, 1961)

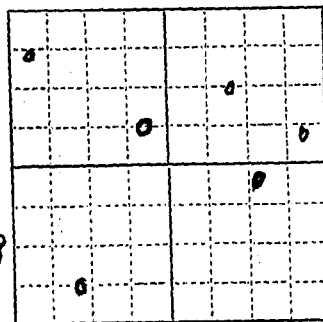
Date of Appropriation of Groundwater 1935
Owner Benjamin E. Barnick and Nora Cornelius
Address C. B. R. Glandive, Montana

Contractor (if any)

Address of Contractor

Date Started 1935 Date Completed 1935

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



Sec 21

Sec 31

Sec 28

Sec 33

1/4 Sec. T. 15 R. 53

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

NE 1/4 Sec. 21
SW 1/4 Sec. 31
SW 1/4 Sec. 28
NW 1/4 Sec. 33

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.....

250 gallons per minute

Use continuous

Used for stock water and irrigation

Signature of Owner

B E Barnick Nora Cornelius

Date December 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.

12 33

8233

8231

286912

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.

GW

Approved Stock Form—State Publishing Co. Helena, Montana—38687

File No. _____

T. 15N R 53E

DUPLICATE

County DAWSON

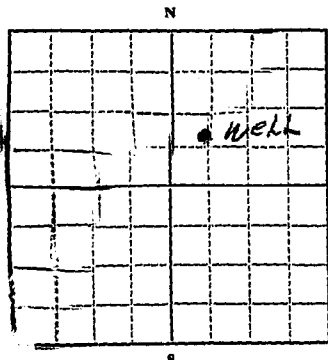
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. May Mentwig of C.B.R. - 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:



NE 1/4 Sec 23 T. 15 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 Irrigation & Livestock Watering

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 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 ONE ACRE IN NE 1/4 23-15-53

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PUMP JACK & ELECTRIC MOTOR ON 1 1/4 INCH PIPE

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

8. The depth of water table 140 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 Electric Pump on 1 1/4 inch pipe
T depth of 140 ft

10. The estimated amount of groundwater withdrawn each year 77,400 gals

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

12. Set 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 May Mentwig

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.

31902

14. [Illegible text]

15. [Illegible text]

16. [Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]

286785

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of
December A. D. 1965, at
4:00 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

GW

Approved State Publishing Co., Helena, Montana—385

File No. _____

T. 15 N. R. 53 E.

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

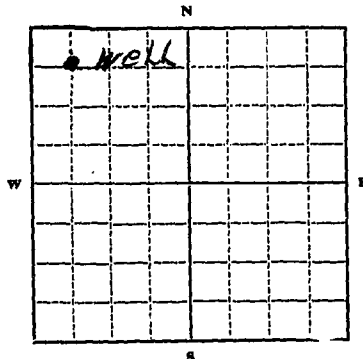
Declaration of Vested Groundwater Rights

JAN 14 1964

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. May Wentwig of C.B.R. - 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:



11/4 Sec 24 T. 15 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

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 8 gals per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Submersible electric pump through 1 1/2 inch pipe

7. The date of commencement and completion of the construction of the well, works or other works for withdrawal of groundwater. 1958

8. The depth of water table. 6.8 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. Well constructed pump through 1 1/2 inch pipe to 6.8 ft

10. The estimated amount of groundwater withdrawn each year. 87,600

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 May Wentwig

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.

31903

286786

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of
December A. D. 1963, at
7:00 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

File No.

T. 15 R. 53

DUPLICATE

County DAWSON

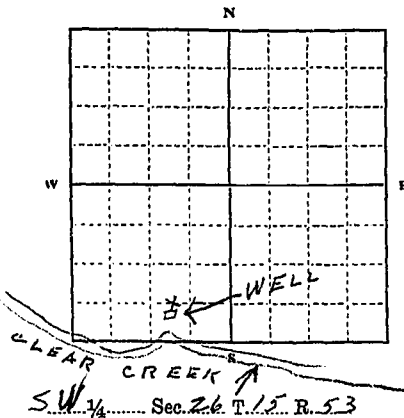
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 14 1964
STATE ENGINEER

1. LUCY REYNOLDS, of Box 85 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:



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
- 50 HEAD OF LIVESTOCK
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1915
STEADY
4. The amount of groundwater claimed (in miner's inches or gallons per minute) ENOUGH FOR HOUSE
AND 50 HEAD OF LIVESTOCK
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
HAND PUMP AT WELL
WELL NEAR HOUSE
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1915
8. The depth of water table 16 ft. TO 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
DUG BY HAND 3 ft. X 16 ft.
10. The estimated amount of groundwater withdrawn each year DON'T KNOW
11. The log of formations encountered in the drilling of each well if available
GRAVEL & DIRT
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
HAVE NO OTHER INFORMATION

Signature of Owner Lucy ReynoldsDate 12-31-1963

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.

31974

286873

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 _____ Deputy.

Correct Water Right
Filed 12-31-63 under
Dec # 286960 as to location

Wrong Town?

State Publishing Co., Helena, Montana—42199

T. 15 R. 52

County Dawson

WATER CODE
EER

JAN 14 1964

STATE ENGINEER
Water Appropriation

Laws, 1961)

Date of Appropriation of Groundwater.....1941.....

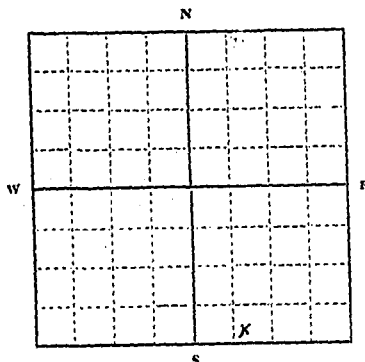
Owner.....Ivar Hoiland..... Address.....Glendive, Montana.....

Contractor (if any)None.....

Address of Contractor

Date Started.....Natural spring.....Date Completed.....

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



SW 1/4 SE Sec. 27 T. 15. 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.....

25 gallons per minute based on flow and use.....

Used continually.....

Signature of Owner.....Ivar Hoiland.....

Date.....December 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.

32065

DUPLICATE

T. 15 R. 53

County Dawson

JAN 14 1964

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.....1941.....

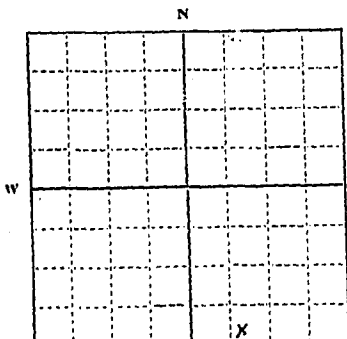
Owner.....Ivar Hoiland..... Address Glendive, Montana

Contractor (if any)None.....

Address of Contractor

Date Started Natural spring Date Completed.....

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



Sw 1/4 SE Sec 27 T15 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.....

25 gallons per minute based on flow and useUsed continuallySignature of Owner Ivar HoilandDate.....December 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.

32065

286960

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1963, at
4:30 o'clock P. M.
London R. Russell
County Clerk and Recorder.

By _____ Deputy.

1
Pct. 21

File No.

DUPLICATE

RECEIVED

MAR 5 1973

T. 15 R. 53

County Dawson

MONTANA DEPARTMENT
OF AGRICULTURESTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER**Notice of Completion of Groundwater Appropriation
Without Well**

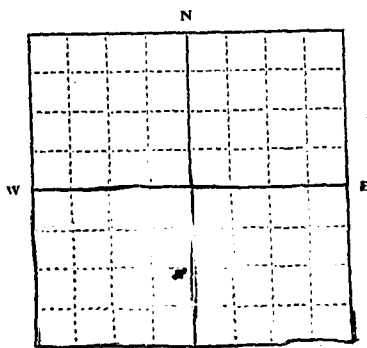
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....1941

Owner Ivar Hoidal Address Clondive, Montana

Contractor (if any)

Address of Contractor

Date Started Natural Spring Date Completed.....Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include date to
water when applicable. Flow to surface naturally

SE 1/4 SW 1/4 Sec. 27 T. 15 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 amount. If use is intermittent

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

10 gallons per minute based on flow and use.Signature of Owner Ivar HoidalDate March 2, 1973

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.Doc. No. 318667
Filed for record
this 2nd day of MARCH
A. D. 1973 at 11:00
clock A.M.

318667

STATE OF MONTANA

County of Dawson

Filed for record this 2nd day of

March A. D. 19 13 at

11:10 o'clock Am M.

Gordon M. Russell

County Clerk & Recorder

By Mahelene Russell Deputy

File No. _____

T 15 R 53

DUPLICATE

County Dawson

RECEIVED

MAR 5 1973

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

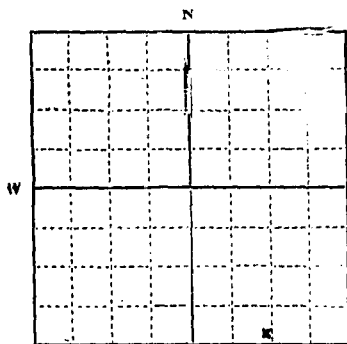
MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

CORRECTEDDate of Appropriation of Groundwater 1941Owner Ivar Holand Address Glendive, MontanaContractor (if any) none

Address of Contractor _____

Date Started Natural Spring Date Completed _____Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Flows to Surface NaturallyS.W. 1/4 Sec. 27 T. 15 R. 53

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

Doc. No. 318668

Filed for record

this 2nd day of MARCHA. D. 1973 at 11:10o'clock A.M.

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 _____

25 gallons per minute based on flow and use.Used Continually.Signature of Owner Ivar HolandDate March 2, 1973

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

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

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

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

318668

STATE OF MONTANA

County of Dawson

Filed for record this 2nd day of

March A. D. 19 73 at

11:10 o'clock AM

Dawson County Clerk W. H. H. H.

By W. H. H. H. Deputy

GW 2

RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—46805

File No. _____

T. 15 R. 53

DUPLICATE

JUL 17 1972

County DawsonLOG MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATIONSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD**Notice of Completion of Groundwater
Appropriation by Means of Well**
REVISED AFTER JANUARY 1, 1962

(Under Chapter 387 Montana Session Laws, 1961, as amended)

Top of Ground

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

gravel and clay

45

sand and gravel
water bearing

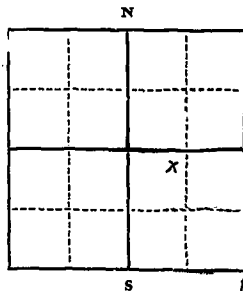
50

bottom —clay

Owner Ivan Holland Address C. T. St. Gladstone, Mont.Driller David C. Haggerty Address Helena, Mont.Date of Notice of appropriation of groundwater 6-1-1972Date well started 5-23-72 Date completed 5-30-72Type of well drilled Equipment used churn drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Klud Size	From (Feet)	To (Feet)
5"	5" ID steel 16'	+2	50	none		

Doc. No. 316420
Filed for record
this 14th day of July 1972
A. D. 1972, at 12:15
o'clock P.M.Static Water Level for non-flowing well
.....38.....feet.Shut-in Pressure for Flowing Well not app.Pumping Water Level 45 feet
at 10 gal. per minute.Discharge in gal. per min. of flowing well
not applicableHow Tested is filled and pumpedLength of Test 3 hrs.Remarks: (Gravel packing, cementing, packers, type of shutoff).....
casing drivenNW/4 Sec. 34 T. 15 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).

not applicable

ANATOMIC TO STATE

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

Driller's Signature David C. Haggerty

50,924

Application by Means of Well
 DEPARTMENT OF LANDS
 JANUARY 1, 1901

State of Montana, County of _____
 I, _____, of the County of _____, State of Montana, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the files of the Department of Lands, at Helena, Montana.
 Witness my hand and seal of office this _____ day of _____, 19____.

FILED
 JAN 1 1901
 DEPT. OF LANDS
 HELENA, MONT.

30-20

STATE OF MONTANA
 County of Dawson
 Filed for record this 14th day of July A.D. 19 22 at 12:15 o'clock P.M.
Dorson T. Russell
 County Clerk & Recorder
 By M. L. L. L. L. Deputy