

67508

WILKINSON COUNTY, MONTANA

FILED

Dec 30, 1963  
3:45 PM

Bernice Samuels

Gene Smith

Feb 20

GW 2

File No.

T. 16 N. R. 50 E. 7

DUPLICATE

RECEIVED  
JAN 6 1964

County Wibaux

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

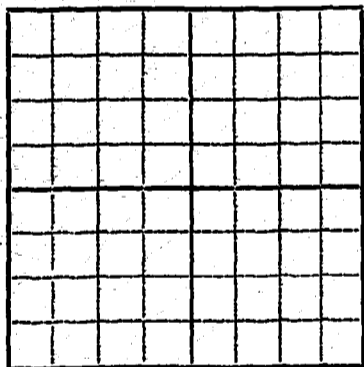
STATE ENGINEER Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Wilmer Dohman Address Wibaux, Mont.Driller Ed R. Sikorski Address Wibaux, Mont.Date of Notice of Appropriation of Groundwater Sept. 1, 1963Date well started Oct. 10, 1963 Date Completed Oct. 10, 1963Type of well Bored Equipment Used Rotary  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
24"	24" Concrete	0'	34'	5/16"	30'	34'
18"	18" Concrete	34'	43'	Concrete	31" every 8'	43'
12"	(None) (light)	43'	48'			



1/4 Sec. 23 T16 R50  
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 35 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 44 feet at 5 gal. per minute.

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

How Tested hailer Length of Test 2 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) \_\_\_\_\_

115  
Driller's License Number

Ed R. Sikorski  
Driller's Signature

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

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

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

25365

67564

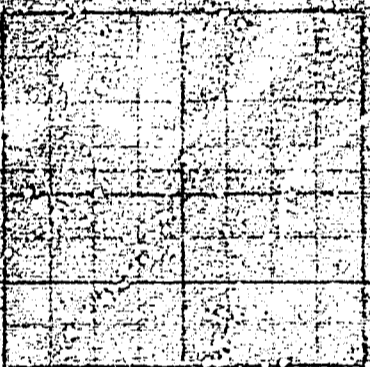
WISCONSIN COUNTY, WISCONSIN

**FILED**  
after 3:00 PM  
10/10/1911  
Bernie [Signature]

10/10/1911

Episcopal Church of the Holy Spirit

Building at the corner of  
Main and 1st Sts.  
St. Paul, Minn.



Survey conducted in 1908 for [illegible]

Upper portion [illegible] [illegible] [illegible]  
[illegible] [illegible] [illegible] [illegible] [illegible]  
[illegible] [illegible] [illegible] [illegible] [illegible]

Lower portion [illegible] [illegible] [illegible]

Surveys in 1908 and 1909 [illegible]

Land [illegible] [illegible] [illegible]

Shut in [illegible] [illegible] [illegible]

Gravel [illegible] [illegible] [illegible]

10/10/1911  
[illegible] [illegible] [illegible]

File No.

DUPLICATE

T. 14N R. 15E

County. Yellowstone

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 1962

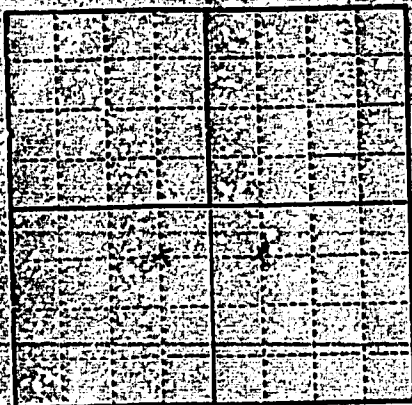
Owner. Northern Pacific Railway Co. Address. 1000 1st Ave. N. Helena, Mont.

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. Two springs were drilled 1962.



Section and Section T14N R. 15E  
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. One spring in 1962 and one in 1963, each flowing 2 gallons per minute.

Northern Pacific Railway Company  
Signature of Owner By *A. H. Schaefer*  
Dist. Supervisor, Grav. & Cult.  
Date

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

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

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

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



File No. \_\_\_\_\_

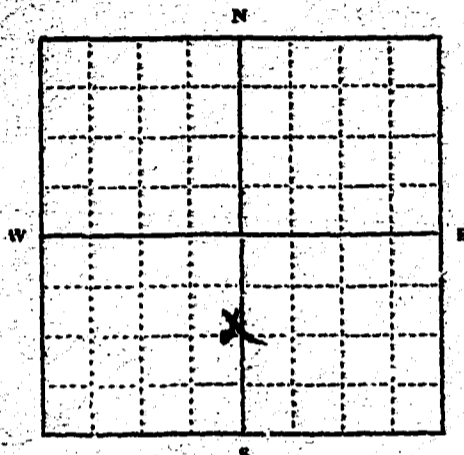
DUPLICATE

T 16 N R 59 E 24  
County WibauxSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERRECEIVED  
JAN 5 1964

## Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

I, W. Dahmann, of Wibaux,  
(Name of Appropriator) (Address) (Town)  
County of Wibaux State of Mont  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 24 T16 R59  
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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been first summer  
each summer
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 gal 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  
Pump & windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1956
8. The depth of water table 70 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.  
6 in drilled 90 ft deep
10. The estimated amount of groundwater withdrawn each year 100,000 gal.
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.  
Mont

Signature of Owner

Date Dec 31, 1963

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

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

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

25363

67562

WIBAUX COUNTY, MONT.

FILED

Dec 31, 1963  
10:41 AM

*Prinice Sommeville*  
County Clerk

*Jan 2nd*  
*deff*

7-1-2-1

**File No.**

**DUPLICATE**

STATE WATER CONSERVATION BOARD

STATE WATER CONSERVATION  
RECEIVED  
AUG 25 1965

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

T 16

County

## Top of Ground

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

0-8 fill  
8-57 shale  
57-62 rock  
62-78 shale  
78-88 coal  
88-105 shale  
105-120 sand

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Lugan L. Stego Address 1414 1st St

Driller A. B. Smith Address Room 110

Date of Notice of Appropriation of Groundwater

Date well started 28 July 65 Date Completed 28 July 65

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

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

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

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

Static Water Level for non-flowing Well.....60.....feet.

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

Pumping Water Level.....90.....feet at.....5.....gal. per minute.

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

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

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

acres irrigated, if used for irrigation) .....

Grand pack 105 to 120

N.W. 1/4..... Sec. 35. T16N R. 59E

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

Driller's Signature Arnold Garbale

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

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

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

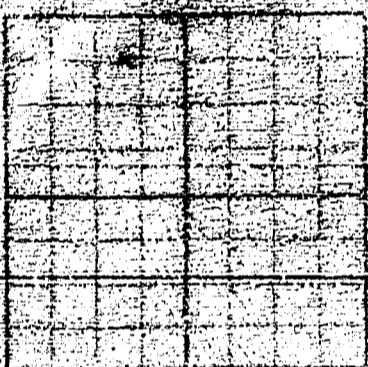
69220

Notice of Completion of  
Water Bill  
Eugene L. Stepp

WILKINS COUNTY, MONTANA

FILED  
Aug 26 1965  
2:30 P.M.  
Clerk of Court

Dec. 2.7



Water Bill  
Eugene L. Stepp  
Clerk of Court  
WILKINS COUNTY, MONTANA  
Dec. 2.7

WILKINS COUNTY, MONTANA  
Dec. 2.7

## STATE WATER CONSERVATION BOARD

CWE-2

NOV 22 1965

File No.

Billie \_\_\_\_\_ McDermott \_\_\_\_\_

Buttern \_\_\_\_\_ McNulty \_\_\_\_\_

Coyle \_\_\_\_\_ Morton \_\_\_\_\_

Darlington \_\_\_\_\_ Sullivan \_\_\_\_\_

Dickert \_\_\_\_\_

ORIGINAL

County *W. H. H. H.*STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Feet above sea level)

0-8 fill  
8-57 shale  
57-62 rock  
62-78 shale  
78-88 rock  
88-105 shale  
105-120 sand

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner

*Lugan & Stagg*

Address

*Wilbur*

Driller

*A. N. Goodale*

Address

*Beach Hill*

Date of Notice of Appropriation of Groundwater

Date well started

*28 May 65*

Date Completed

*1 Jan 65*

Type of well

*drilled*

(dug, driven, bored or drilled)

Equipment Used

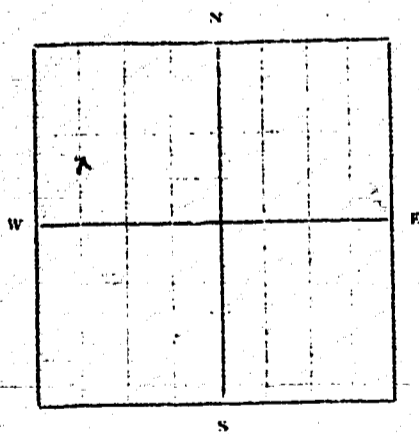
*Charn*

(Charn, 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)	PREPARATIONS		
				Kind Size	From (Feet)	To (Feet)



NW 1/4 Sec. 25 T16N R59E

Indicate location of well and place of use, if possible. Each small square represents 1/4 acre.

Static Water Level for non-flowing Well

*60*

feet

Shut-in Pressure for Flowing Well

Pumping Water Level

*90*

feet at

*5*

gal. per minute

Discharge in gal. per min. of flowing well

How Tested

*pump*

Length of Test

*4 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)

*Good pick 105 to 120*

Show exact depth of bottom.

# 91

Driller's License Number

*A. N. Goodale*

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.

39873

Original to the County Clerk and Recorder, duplicate to the State Engineer, Triplicate to the School of Mines.

69397

Refiling of Doc. # 693

W.P. Railway

State of Ill.

Engel Stagg

WIBAU COUNTY, MONTANA

FILED

Nov. 19, 1965

Bernice Hammerfell  
County Clerk

Nov. 2, 1965

GV

Approved Stock Form—State Publishing Co., Helena, Montana—38496

File No. \_\_\_\_\_

T 16 N R 59 E 76

DUPLICATE

County Wibaux

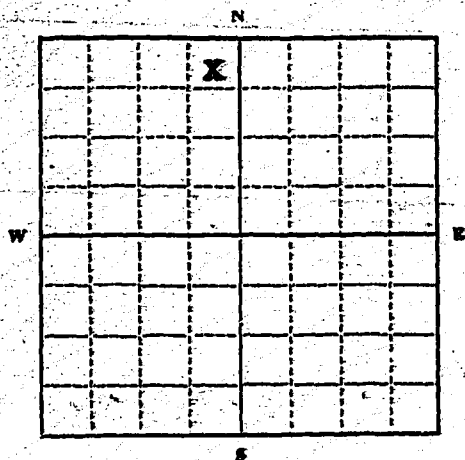
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964  
STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

I, E. D. Barnaby, of Wibaux  
(Name of Appropriator) (Address) (Town)  
County of Wibaux State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 26 T. 16 R. 59

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1939. Year round use.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Wind mill.  
NW 1-26-16-59

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 8/12/39-8/14/39

8. The depth of water table 40 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 Deep well. 6" steel casing. 45 feet deep.

10. The estimated amount of groundwater withdrawn each year 110,000 gallons.

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

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

Signature of Owner E. D. Barnaby

Date 12/28/63

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.

25303

1

62502

WISBAUX COUNTY, WYOMING

FILED

dec 31 1962  
3:15 PM

Bernice Somerville  
Jane Smith

7422

WYOMING

T 16 R 59

County... Wilbur

RECEIVED  
JAN 6 1964

(Under Chapter 237, Montana Session Laws, 1961)

[illegible]

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

2. The beneficial use on which the claim is based ~~Water~~  
livestock. ~~Water livestock.~~
3. Date or approximate date of earliest beneficial use, and how continuous the use has been ~~IX. 1938, year round use.~~  
2X. 1955, year round use.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) ~~IX. 4 gallons per minute. 2X. 4~~  
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  
~~IX. None 2X. None~~
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ~~IX. Wind~~  
mill. NW 1-27-16-59. 2X. Electric pump  
jack. NE 1-27-16-59.
- tion of the construction of the well, wells, or other works for with-  
/38-9/20/38. 2X. 9/2/55-9/25/55.
- 8 feet. 2X. 75 feet.
- e, size and depth of each well or the general specifications of any other  
water ~~IX. Deep well, 6" galvanized casing, 74~~  
, 18" concrete casing, 81 feet deep.
- withdrawn each year ~~IX. 365,000 gallons.~~  
2X. 400,000 gallons.
- the drilling of each well if available ~~IX. Not available.~~
- ture as may be useful in carrying out the policy of this act, including  
ity record ~~IX. None. 2X. None.~~

*J. H. Barnaby*  
Date 12/28/63

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.

25301

62500

WIBAUX COUNTY, MONTANA

FILED

Dec 30, 1963

3:15 PM

Bernie Hamme

for Smith

Fee \$2.00

RECEIVED

File No.

AUG 18 1967

DUPLICATE

T.

R. 59

County

Hobart

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARDNotice of Completion of Groundwater  
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner

John Dukart

Address

Wibaux, Montana

Driller

C. H. Starr

Address

Box 1083 - Hobart

Date of Notice of appropriation of groundwater

Date well started

7-15-67

Date completed

7-29-67

Type of well

drilled

Equipment used

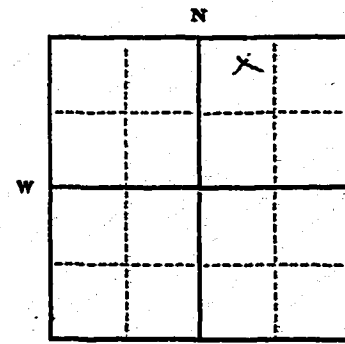
churn drill

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 1/2" to 4"	185'	0	265			
1 1/4" pipe						

NE 1/4, 2 Sec 29, T. 16 R. 59  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.Static Water Level for non-flowing well  
125 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 225 feet

at 7 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer

Length of Test 2 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff) gravel packed up to 252'

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number 168

Driller's Signature.

Notice of Completion of  
Draughts of Appropriation  
By Means of Key  
Valve

DEVELOPER

DISPATCHED BY AIR MAIL

[illegible]

*[Faint, illegible handwriting]*

A A A A A A A A A A A

*[Faint, illegible handwriting]*

GW 3

File No.

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—35496

T. 16 N 59 E  
County Wibaux

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

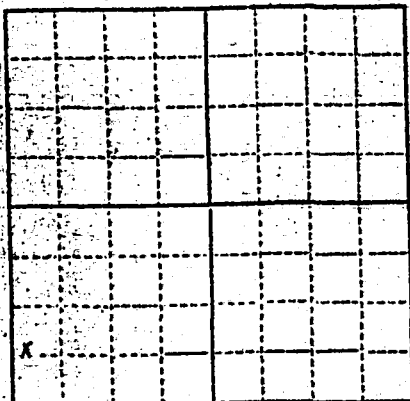
Owner John J. Dukart Address Wibaux, Montana

Contractor (if any) None

Address of Contractor

Date Started Date Completed

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



SW 1/4 Sec. 29, T. 16, R. 59

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

About 1,000 gallons a day.

Used all the time.

Signature of Owner John J. Dukart

Date 12-27-63

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.

25271

67470

WIBAUX COUNTY, MONTANA

FILED

Dec 30, 1963  
1:35 P.M.

Bernice Sammis

4<sup>th</sup> 2<sup>nd</sup> Jans Smith  
Sgt

RECEIVED

File No.

FEB 25 1972

T. 16

R. 59

DUPLICATE

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

County

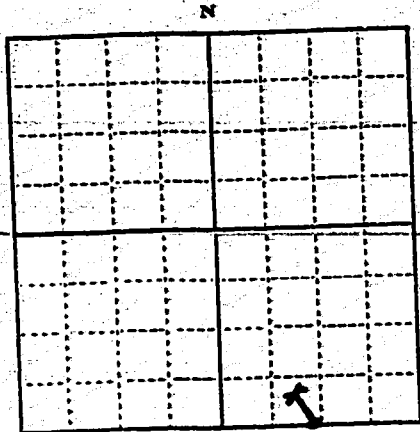
Wilbur

Notice of Completion of Groundwater Appropriation  
Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

Doc. No. 74023  
 Filed for record  
 this 24<sup>th</sup> day of February  
 A. D. 19 72 at 3:00  
 o'clock P. M.



SE  $\frac{1}{4}$  Sec. 30 T. 16 R. 59 E

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

Date of Appropriation of Groundwater Aug 1968  
 Owner Merlin Bouchard Address Glendine Mont.  
 Contractor (if any) John Cusby  
 Address of Contractor Wilbur Mont  
 Date Started Aug 1968 Date Completed Aug 1968

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

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

gravity

3) Depth of water table 4' to 8'

4) Use of the water livestock & household  
P.A.D.

5) Amount of groundwater claimed (in miner's inches, or gallons  
per minute) 8 gal per min.

6) If used for irrigation, give number of acres and description of  
land none

7) Estimate amount of water used each year

Continuous flow

Signature of Owner Merlin Bouchard

Date 2-24-72

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.

49,921

74023

Completion of Permit Water Application  
Without Will  
Marilyn B. Smith  
Public

WIRAX COUNTY, MONTANA

FILED  
Jul 24 1942

Benjamin B. Smith  
J. C. Braden, Deputy  
Dec 23 1940

RECORDS OF DEPARTMENT OF LAND AND MINES  
MONTANA  
DIVISION OF LAND AND MINES  
HEAVENLY BODY

RECORDS OF DEPARTMENT OF LAND AND MINES  
MONTANA  
DIVISION OF LAND AND MINES  
HEAVENLY BODY

RECORDS OF DEPARTMENT OF LAND AND MINES  
MONTANA  
DIVISION OF LAND AND MINES  
HEAVENLY BODY

File No. \_\_\_\_\_

DUPLICATE

T. 16 R 54  
County Wibaux

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Approximately 1945

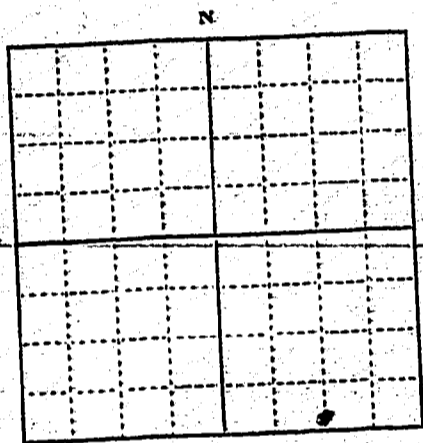
Owner A H Deek Address Wibaux

Contractor (if any) none

Address of Contractor none

Date Started Apr 1945 Date Completed Apr 1945

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Pump, 15 feet deep



SE 1/4 Sec 30 T 16 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. yearly

Signature of Owner A H Deek

Date December 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.

67491

WINDY COURT, MONTANA

FILED

APR 30 1963  
3:05 PM

*Deane Somerville*  
*Justice*

7-11-63

File No. \_\_\_\_\_

T. 16 N R. 59 E 32

DUPLICATE

County Wilbur

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Marvin D. Bushman  
(Name of Appropriator)

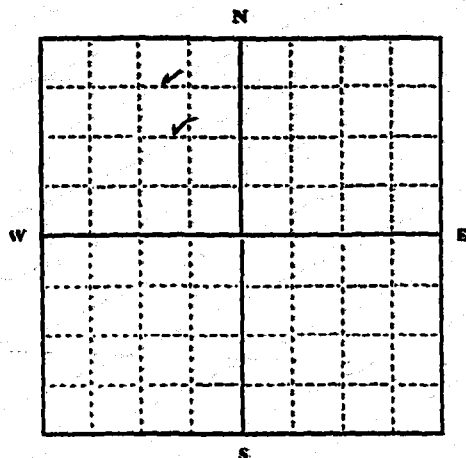
of \_\_\_\_\_  
(Address)

Wilbur  
(Town)

County of Wilbur

State of Montana

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



W 1/2 Sec. 32 T. 16 R. 59

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 1910 has been used ever since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 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 pump
7. The date of commencement and completion of the construction of the well, spring wells, or other works for withdrawal of groundwater free flowing slow
8. The depth of water table four 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 well 7 1/2 feet x 8 in
10. The estimated amount of groundwater withdrawn each year 73000 gal
11. The log of formations encountered in the drilling of each well if available coal
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 Marvin D. Bushman

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.

25350

62549

WYAND COUNTY, MONTANA

FILE

Dec 31, 1963

8:50 PM

Range Department

312

*[Signature]*

SW 1

Approved Stock Form—State Publishing Co., Helena, Montana 4262

File No. \_\_\_\_\_

DUPLICATE

T. 16 R. 59 S. 33  
County Wilbur

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1939

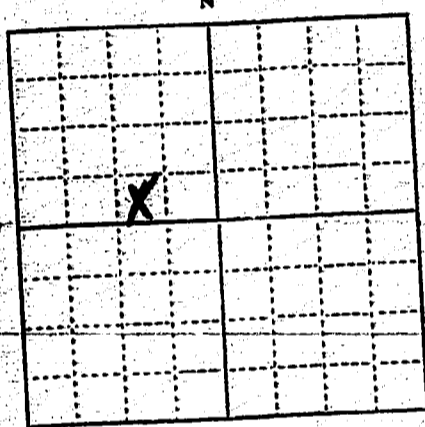
Owner J. D. Barnaby Address Wilbur, Montana

Contractor (if any) not known

Address of Contractor not known

Date Started not known Date Completed not known

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



NW 1/4 Sec. 33 T. 16 R. 59  
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. enough for 100 head of livestock year round

Signature of Owner J. D. Barnaby

Date 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.

25298

67492

WIBAUD COUNTY, MONTANA

FILED

APR 30 1962  
3:45 PM

Bernie Dammell

Jan Smith  
clerk

Feb 22

Handwritten notes on the left side of the page, including "J. J. Smith" and "D. J. Smith".

Handwritten notes at the bottom left, including "1-2-62" and "J. J. Smith".

File No. \_\_\_\_\_

T 16 N R 59 E 34

DUPLICATE

County Wibaux

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

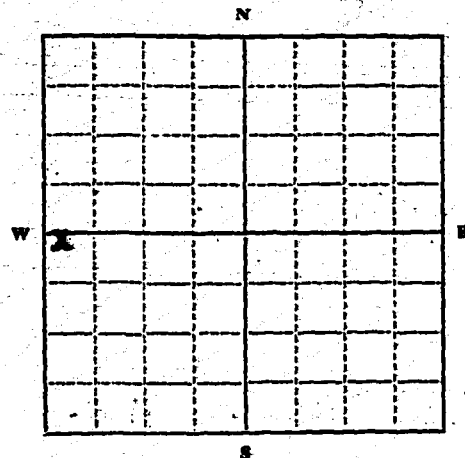
RECEIVED  
JAN 6 1964

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, J. D. Barnaby, of Wibaux,  
(Name of Appropriator) (Address) (Town)  
County of Wibaux State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 34 T. 16 R. 59

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

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been 1955 Year round use.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Wind mill. SW 1/4-34-16-59

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 9/26/55-9/28/55.

8. The depth of water table 35 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 Deep well, 18" concrete, 40 feet deep.

10. The estimated amount of groundwater withdrawn each year 120,000 gallons

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

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

Signature of Owner

Date 12/28/63

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.

25302

67501

WIBAUX COUNTY, MONTANA

FILED

DEC 30, 1963  
3:15 PM

Bernice Dammick

John Smith  
clerk

Feb 20

MONTANA WATER RESOURCES BOARD

File No. \_\_\_\_\_

**RECEIVED**

T. \_\_\_\_\_ R. \_\_\_\_\_

DUPLICATE

SEP 13 1967

County Dawson

LOG

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

STATE WATER CONSERVATION BOARD

Top of Ground

0 grey shale  
 25 grey sand stone  
 58 coal little water  
 62 grey shale  
 70 sand little water  
 76 grey shale  
 80 dk shale  
 92 coal little water  
 103 grey shale  
 142 dk shale  
 150 grey sand clay water  
 176

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

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

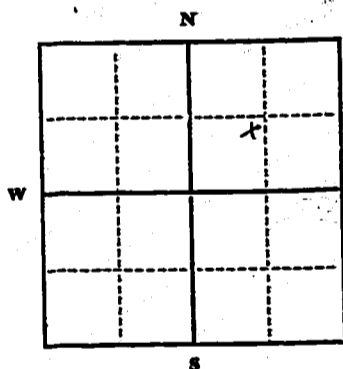
Owner J. D. Anderson Address Shelburne, Mont.Driller C. H. Starr Address W. B. 183

Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started 9-4-67 Date completed 9-9-67Type of well drilled Equipment used Chum 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 1/2" to 140'	4" 11#	0	150'			
4" 175'	pu ft					



NW 1/4 Sec 18 T. 16 R. 57  
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 96 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 145 feet at 3 1/2 gal. per minute.

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

How Tested BoilerLength of Test 2 hrs

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

168  
C. H. Starr  
 Driller's Signature.

42,306

70633

WIBAU COUNTY, MONTANA

RECEIVED

TO STATE  
TO DEPARTMENT OF  
TO DEPARTMENT OF

Page 8192

RECEIVED

CHIEF OF BUREAU OF LAND AND MINES

DOJ

RECEIVED

(copy to be made of this report)

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~~GROUNDWATER INDEX~~

County WILBAUX Twp. 16N Rge. 60E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	DAHL LAND & LIVESTOCK CO		66569	
2	DAHL LAND & LIVESTOCK CO		66567	
3	DAHL LAND & LIVESTOCK CO		66571	
4	DAHL LAND & LIVESTOCK CO		66588	
6	CHOFFEE, DONALD		69516	
7	OHNSTAD, ALFRED	GW 3	67533	
8	OHNSTAD, ALFRED		67625	
8	QUADE, ROLAND T.	GW 4	69505	
11	DAHL LAND & LIVESTOCK CO		66570	
13	PESHA, JERRY	GW 2	66447	
14	SCHIEFFER RANCH		67649	
14	SCHIEFFER RANCH		67650	
15	SCHIEFFER, TONY	GW 2	71348	
18	TROLLOPE, STANLEY	GW 2	73583	
18	TROLLOPE, STANLEY	GW 4	67414	
18	TROLLOPE, STANLEY	GW 3	67413	
22	GALSTER, ADRIAN	GW 4	67553	
22	GALSTER, ADRIAN	GW 2	66859	
22	SCHIEFFER RANCH		67648	
23	SCHIEFFER RANCH		67651	
24	SCHIEFFER, TONY	GW 2	74616	
28	WOOD, J. D.		65479	
31	STAGGS, EUGENE L.	GW 4	67523	
34	CANNON, HENRY C.	GW 4	67504	
	-CANNON, MARGARET			

File No. \_\_\_\_\_

DUPLICATE

County Wibaux

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

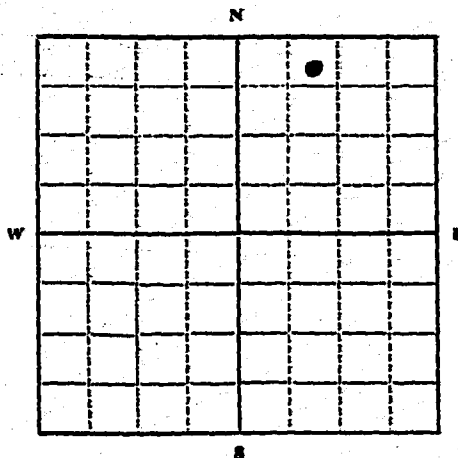
RECEIVED  
MAR 15 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Dahl Land & Livestock Co. of Wibaux,  
(Name of Appropriator) (Address) (Town)  
County of Wibaux, State of Mont.  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.E. 1/4 Sec. 1 T. 16 R. 60

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: 1949
4. The amount of groundwater claimed (in miner's inches or gallons per minute): 2 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1949
8. The depth of water table: approximately 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: drilled, 90 ft. deep  
6 in. casing
10. The estimated amount of groundwater withdrawn each year: 140,000 gallons
11. The log of formations encountered in the drilling of each well if available: not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: none

Dahl Land & Livestock Co.  
Signature of Owner Marvin Dahl, Pres.

Date 3-14-1963

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.

3921.

66569

Quoted Groundwater Rights  
Dakota Land + Livestock Co.  
-to-  
Public

WIBAUX COUNTY, S.D.

FILED  
March 14, 1963  
1:30 P.M.

Bernice S. Smith  
County Clerk

RECEIVED  
MARCH 14 1963  
WIBAUX COUNTY CLERK'S OFFICE

2/25/63

to S. Smith

Groundwater Rights

9491

to S. Smith

to S. Smith

File No. \_\_\_\_\_

T. 16 R 60 E

DUPLICATE

County Wilbur

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
MAR 15 1963

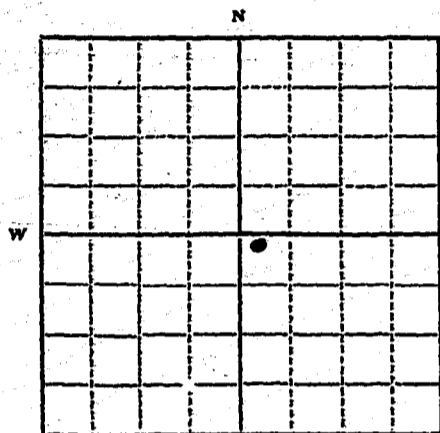
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Dahl Land & Livestock Co. of Wilbur, Mont.  
(Name of Appropriator) (Address) (Town)

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



S.E. 1/4 Sec. 2, T. 16 R. 60

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946

used continuously

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

not used for irrigation

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

pump jack with electric motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1946

8. The depth of water table approximately 230 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 drilled with 6 inch casing

347 ft. deep

10. The estimated amount of groundwater withdrawn each year 282,800 gallons

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

not available

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

none

Dahl Land & Livestock Co.  
Signature of Owner Marvin Dahl, Pres.

Date 3-14-63

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.

3919

66567

Deeded Thruwater Right  
Dahl Land + Livestock Co.

-to-  
Public

WHAUX COUNTY, MONTANA

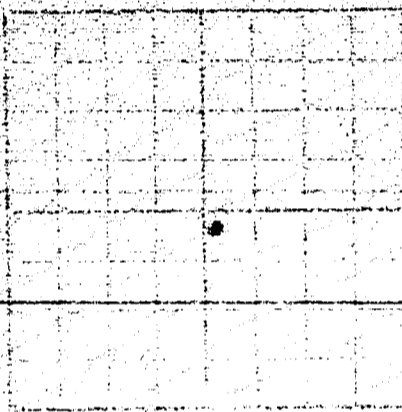
**FILED**

March 14, 1963

1:30 P.M.

*Deeded Thruwater Right*  
\$2.00

Clerk



10 20 30 40 50

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File No.

DUPLICATE

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

T. 16 N. R. 60 E.

County Wibaux

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

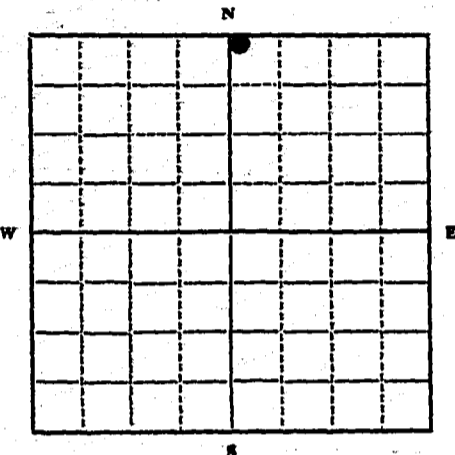
RECEIVED  
MAR 15 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Dahl Land & Livestock Co. of Wibaux,  
(Name of Appropriator) (Address) (Town)  
County of Wibaux, State of Mont.  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.E. 1/4 Sec. 3 T. 16 R. 60

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.

to be first used in summer or fall of 1962

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

3 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.

not used for irrigation

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

pumpjack with gas motor windmill to be installed later

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

1961

8. The depth of water table.

approximately 200 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.

drilled, 280 ft deep  
6 in casing

10. The estimated amount of groundwater withdrawn each year.

92,000 gallons

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

not available

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

none

Dahl Land & Livestock Co.  
Signature of Owner Marvin Dahl, Pres.

Date 3-14-1963

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.

3923

66571

*Deeded Groundwater Rights*  
*Dahl Land & Livestock Co*

*-to-*  
*Public*

WIBAUX COUNTY, MONTANA

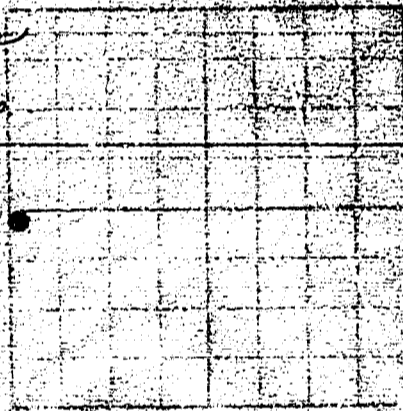
**FILED**

March 16, 1963  
1:30 P.M.

*Barbara S. Dahl*  
*See: 42-60*

DEED TO PUBLIC  
OF WATER RIGHTS  
TO BE USED FOR  
DOMESTIC PURPOSES  
IN THE COUNTY OF  
WIBAUX, STATE OF  
MONTANA

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File No. \_\_\_\_\_

DUPLICATE

T. 16 N R 60 E

County Wibaux

## STATE OF MONTANA

## ADMINISTRATOR OF GROUNDWATER CODE

## OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

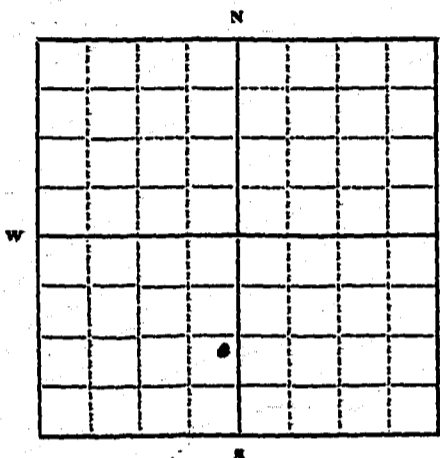
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
MAR 15 1963

STATE ENGINEER

1. Dahl Land & Livestock Co., Wibaux, Mont.  
(Name of Appropriator) (Address) (Town)County of WibauxState of Mont.

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



S.W. 1/4 Sec. 4 T. 16 R. 60

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 watering livestock3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1918  
from 5 to 7 months per yr.4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gallons per minute5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
not used for irrigation6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
windmill7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 19188. The depth of water table approximately 85 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. drilled with 6 inch casing  
120 ft. deep10. The estimated amount of groundwater withdrawn each year 73,000 gallons11. The log of formations encountered in the drilling of each well if available  
not available12. 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  
noneDahl Land & Livestock Co.  
Signature of Owner Marvin Dahl, Pres.Date 3-14-1963

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.

66568

United Shouderwater Rights  
Dahl Land & Livestock Co.

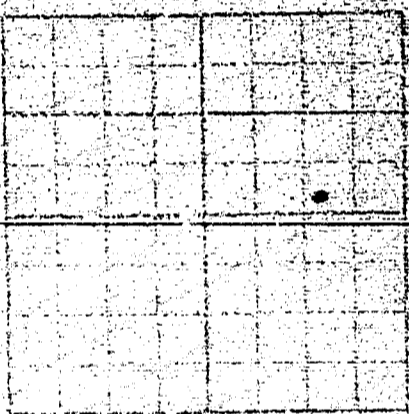
- to -

Public

WISCONSIN COUNTY, WISCONSIN

FILED  
March 14, 1963  
1:38 P.M.

Barrett [Signature]  
De: \$250.00 County Clerk



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## STATE WATER CONSERVATION BOARD

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

File No.

JAN 3 1966

T

16 R 60 E U

DUPLICATE

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Butcher

McNulty

STATE OF MONTANA

Coyle

ADMINISTRATOR OF GROUNDWATER CODE

Darlington

Sullivan

OFFICE OF STATE ENGINEER

Dickert

County

Wilbur

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

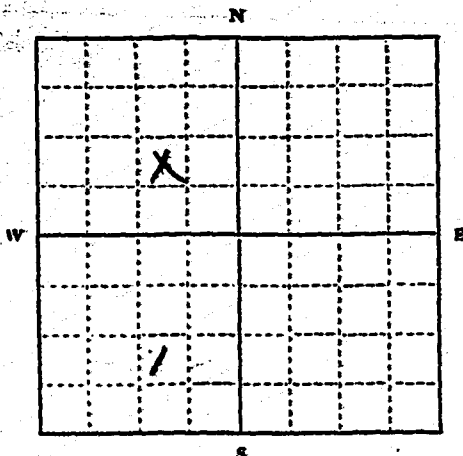
1. Donald Chaffin, of \_\_\_\_\_  
(Name of Appropriator)

(Address)

(Town)

County of WilburState of Montana

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

N 1/4 W Sec 6 T 16 R 60

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

stockwater well

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

1950's has been part of the same since

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

8 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

electric pump until 1965 then windmill

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

unknown

8. The depth of water table

40 feet

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

no other

10. The estimated amount of groundwater withdrawn each year

90,000 to 100,000 gal

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

in 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

Donald Chaffin

Date

Dec 31, 1965

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

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

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

46440

69516

*Declaration of Vested  
Groundwater Rights  
to General Cripple  
Public*

WIBAUX COUNTY, MONTANA

**FILED**

DEC 31 1965  
4:30 P.M.

*Prinice Dommedick*  
County Clerk

*Jan Smick*  
dep.

*Feed 2*

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—38496

File No. \_\_\_\_\_

T. 16 R 60

DUPLICATE

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

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

(Under Chapter 237 Montana Session Laws, 1961)

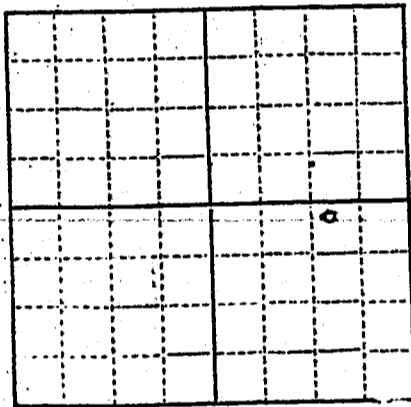
Date of Appropriation of Groundwater 1950  
Owner Alfred Chastot Address Wibaux, Montana

Contractor (if any) None

Address of Contractor None

Date Started 1950 Date Completed 1950

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



SE  $\frac{1}{4}$  Sec. 7 T. 16 R. 60

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.

water 100 head

Signature of Owner Alfred Chastot

Date 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.

25422

67623

WISLAUX COUNTY, MONTANA

FILED

Dec 31, 1963

1:58 PM

*Gennie Dommichel*  
County Clerk

*Gene Smith*  
Dep.

Fee \$ 2.00

File No. \_\_\_\_\_

DUPLICATE

T

16 R 60 E

County Wilcox

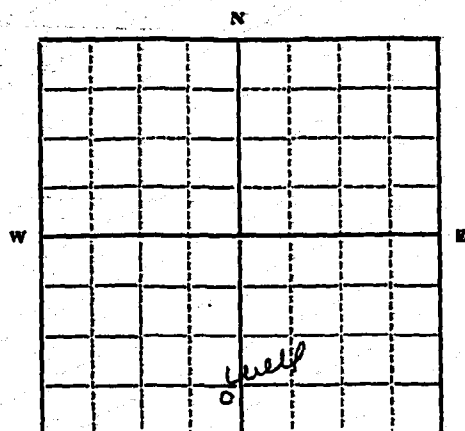
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Reford Christen, of Wilcox  
(Name of Appropriator) (Address) (Town)  
County of Wilcox 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. 16 R. 60

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 Live stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1912 Cont. use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gal 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 hand pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1912
8. The depth of water table 160 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 6 in casing 170 ft
10. The estimated amount of groundwater withdrawn each year 900,000 gal
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 Reford Christen

Date Dec 31, 1963

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

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

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

25424

67625

WIRIAUX COUNTY MONTANA

FILED

Dec 31 1963

1558 PM

*Devin L. Smith*

Rec'd

*Devin L. Smith*

of the State of Montana, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears from the records of the County of Wiriaux, Montana.

Witness my hand and the seal of said County at the City of Helena, Montana, this 31st day of December, 1963.

County Clerk

Notary Public

File No.

DEC 23 1965

T. 16 N R. 60 E

DUPLICATE

County Wilbur

Billie \_\_\_\_\_ McDermott \_\_\_\_\_  
 Butler \_\_\_\_\_ McNulty \_\_\_\_\_  
 Coyle \_\_\_\_\_ Morton \_\_\_\_\_  
 Darlington \_\_\_\_\_ Sullivan \_\_\_\_\_  
 Dickert \_\_\_\_\_

STATE OF MONTANA

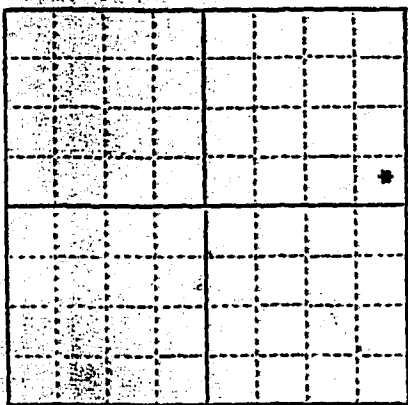
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert T. Quade, of Box 136, Wilbur  
 (Name of Appropriator) (Address) (Town)  
 County of Wilbur State of Montana  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 8 T16N R60E

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 1948 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gpm
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Well with Windmill and Pump Jack
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1948
8. The depth of water table Depth of Water in Well approx. 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 Depth 234 feet
10. The estimated amount of groundwater withdrawn each year 300,000 gallons
11. The log of formations encountered in the drilling of each well if available  
Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date December 21, 1965

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

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

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

40123

69505

*Poland + Insue*  
*Public*  
*Declaration of Vested*  
*Private Rights*

WYBARK COUNTY, MONTANA

**FILED**

DEC 21 1965  
1:46 PM

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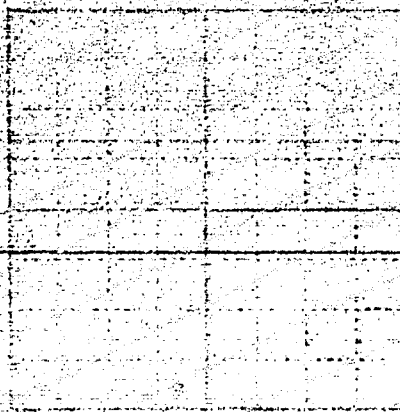
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*Poland + Insue*

*Public*

*Declaration of Vested*

*Private Rights*

WYBARK COUNTY, MONTANA

**FILED**

DEC 21 1965

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File No. \_\_\_\_\_

T. 16 N. R. 60 E.

County Wibaux

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
MAR 15 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

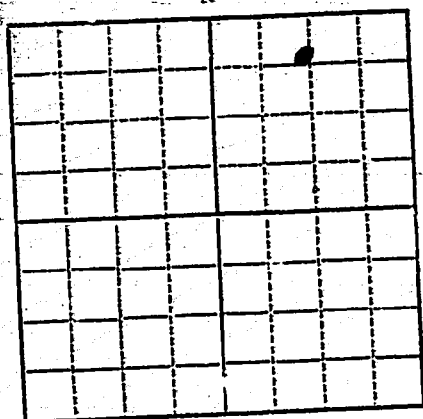
Rahl Land & Livestock Co., of \_\_\_\_\_  
(Name of Appropriator)

(Address)

Wibaux,  
(Town)

County of WibauxState of Mont.

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



N.E. 1/4 Sec. 11 T. 16 R. 60

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 1931  
Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 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  
not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
flowing spring
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1931
8. The depth of water table 3 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  
flowing spring
10. The estimated amount of groundwater withdrawn each year 1,576,800 gallons
11. The log of formations encountered in the drilling of each well if available  
not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
none

Rahl Land & Livestock Co.  
Signature Owner Marvin Rahl, Pres.

Date 3-14-1963

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.

3922

Vested Groundwater Rights  
Dall Land & Livestock Co  
- to -  
Public 18

- to -  
Public

WIBAU COUNTY, MONTANA

FILED  
March 14, 1963  
1966-71.

*Barbara J. [illegible]*  
Fee: \$5.00 County Clerk

Fee: \$2.00

**County Clerk**

[illegible]

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11-11-11

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File No.

DUPLICATE

T 16 N 60 E

County Wibaux

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEERRECEIVED  
JAN 23 1963Notice of Completion of Groundwater  
Appropriation by Means of Well ENGINEER

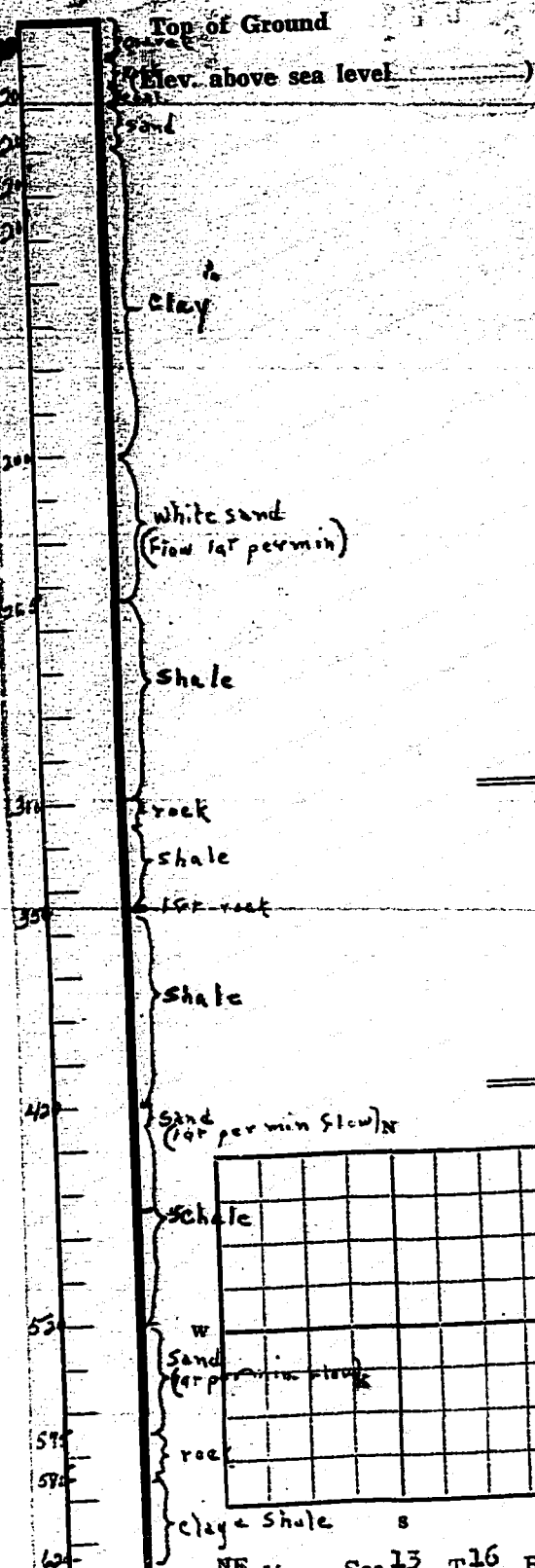
(Under Chapter 237, Montana Session Laws, 1961)

Owner Jerry Pesha Address Wibaux, MontanaDriller Harold Goodale Address Beach, North Dakota

Date of Notice of Appropriation of Groundwater

Date well started Nov. 26, 1962 Date Completed Dec. 2, 1962Type of well drilled Equipment Used Rotary  
(dug, driven, bored or  
drilled) (Churn, drill, rotary or  
other)Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
3"	1 1/2"	Ground Level to 575	575'	Slotted	200	265
					420	425
					520	575

Static Water Level for non-flowing Well \_\_\_\_\_ feet

Shut-in Pressure for Flowing Well \_\_\_\_\_

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

Discharge in gal, per min. of flowing well 3 quartsHow Tested by gallon Length of Test 1 minuteRemarks: (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) Nil

NE 1/4 Sec 13 T16 R60

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

Driller's Signature

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

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

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

3387

Completion of Well  
Jerry Becha  
-To-  
Public

FILED  
January 21, 1963  
2:30 P.M.

January 21, 1963  
2:30 P.M.

1.30 P.M.  
 Bruce Seaver  
 Fee: 12.00  
 County Clerk

Fee: \$2.00

County Clerk

1. Ministry of Education  
 2. Ministry of Health  
 3. Ministry of Labour  
 4. Ministry of Social Services  
 5. Ministry of Transport  
 6. Ministry of the Environment  
 7. Ministry of the Interior  
 8. Ministry of the Treasury  
 9. Ministry of the Foreign Affairs  
 10. Ministry of the Defence  
 11. Ministry of the Justice  
 12. Ministry of the Agriculture  
 13. Ministry of the Industry  
 14. Ministry of the Energy  
 15. Ministry of the Science  
 16. Ministry of the Culture  
 17. Ministry of the Religion  
 18. Ministry of the Sports  
 19. Ministry of the Media  
 20. Ministry of the Information  
 21. Ministry of the Communication  
 22. Ministry of the Technology  
 23. Ministry of the Innovation  
 24. Ministry of the Research  
 25. Ministry of the Development  
 26. Ministry of the Planning  
 27. Ministry of the Statistics  
 28. Ministry of the Census  
 29. Ministry of the Migration  
 30. Ministry of the Citizenship  
 31. Ministry of the Nationality  
 32. Ministry of the Ethnicity  
 33. Ministry of the Language  
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 35. Ministry of the Art  
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 38. Ministry of the Cinema  
 39. Ministry of the Television  
 40. Ministry of the Radio  
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 47. Ministry of the Climate  
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# THE NEW YORK PUBLIC LIBRARY

# THE NEW YORK PUBLIC LIBRARY

**Abstract**

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As the growth of the population of the United States has increased, the demand for land has increased. The demand for land has increased so much that the price of land has increased. The price of land has increased so much that the price of land has increased.

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THE UNIVERSITY OF CHICAGO PRESS

1954-01-10

**THE UNIVERSITY OF CHICAGO**

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THE UNIVERSITY OF CHICAGO

T 16 R 60

County Wabash

RECEIVED  
JAN 6 1964

# STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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



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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal/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.

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

N 1/4 E Sec. 14 T. 16 R. 60

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Sept 3 Sept 14 1960

8. The depth of water table..... 85 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 160,000

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

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

Signature of Owner Anthony Schaffer  
by Anthony Schaffer  
Date Dec 31, 1963

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

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

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

Head of  
25448

62649

WIBAUX COUNTY, MONTANA

**FILED**  
DEC 31 1963  
3:00 PM

*Deane Sommerfeld*

*John Smith*

Fee \$2.00

1. The undersigned do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the County of Wibaux, Montana.

2. The undersigned do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the County of Wibaux, Montana.

3. The undersigned do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the County of Wibaux, Montana.

4. The undersigned do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the County of Wibaux, Montana.

5. The undersigned do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the County of Wibaux, Montana.

6. The undersigned do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the County of Wibaux, Montana.

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*John Smith*  
*Deane Sommerfeld*  
*John Smith*  
*Deane Sommerfeld*

*John Smith*

*John Smith*

GW

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

File No. \_\_\_\_\_

DUPLICATE

*Flowing Well*

T. 16N R. 60E

County Wilbur

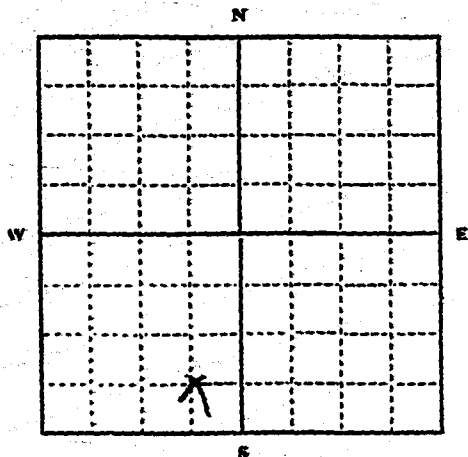
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 8 1964

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Schiffer Ranch, of Wilbur Wilbur  
(Name of Appropriator) (Address) (Town)  
County of Wilbur 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. 14 T. 16 R. 60

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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1962 June continuously since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 gal.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Flowing
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 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 125 1 1/2 casing flowing well
10. The estimated amount of groundwater withdrawn each year 3067200
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not available

Signature of Owner Schiffer Ranch  
Anthony Schiffer  
Date Dec, 21, 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.

25449

67650

WIRALIX COUNTY, MONTANA

FILED  
DEC 31, 1963  
3:00 PM

*Bernie Sommerfield*  
County Clerk

*John Smith*  
Sgt.

Fee \$ 2.00

1964 6 10 4 40

not recorded

3027900

182 12 30 1963

6 14 6

proceeding

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4047

File No. \_\_\_\_\_

DUPLICATE

MONTANA WATER RESOURCES BOARD

**RECEIVED**STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

AUG 26 1968

(Elev. above sea level \_\_\_\_\_)

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

(Under Chapter 237, Montana Session Laws, 1961)

0-8 fill  
15-16 rock  
71-73 sand  
88-90 sand  
115-117 sand  
197-199 sand  
240-290 sand

Owner Tony Schug Address WilburDriller H P Sankala Address Wilbur

Date of Notice of Appropriation of Groundwater \_\_\_\_\_

Date well started 4 Aug 58 Date Completed 9 Aug 68Type 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.

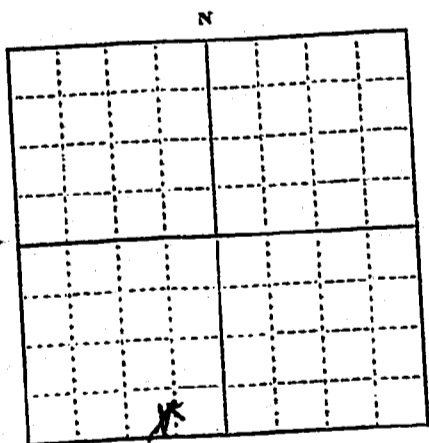
Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6" OD 15 lb/ft	0	242			

Static Water Level for non-flowing Well 60 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 150 feet at 20 gal. per minute.

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

How Tested trial Length of Test 2 hrsRemarks: (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) gravel pack242 - 285

S 1/4 Sec. 15 T. 16 R. 60  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

# 91  
Driller's License NumberHarold Sankala  
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.

44,527

Notice of Completion  
 Groundwork Appropriation  
 by means of the  
 Anthony Schaffer  
 Public

**FILED**  
May 25 1968

*Ine Smith*

[illegible]

1992

55410072

21/10/1946

92-4444-4

[illegible]

1944

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RECEIVED

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Accordingly, only 30 respondents, from various parts of the country, had been interviewed. The results were not representative of the whole country. The study was limited to the respondents' own experience and did not include any other sources of information. The study was also limited to the respondents' own experience and did not include any other sources of information.

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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: Stanley Trollope  
Address: Wilbur

For Administrator's Use	
File	73583
Date	August 24, 1971
Time	8:30 AM

Date well started Aug 17 1971 GW 1

completed Aug 19 1971

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

Equipment used rotary (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

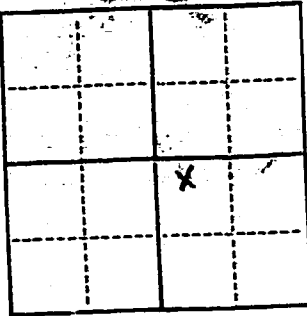
Industrial ☐ Drainage ☐ Other ☐ \* Garden/Lawn ☐

\*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 175,000 gallons

Size of Drilled Hole	Depth (Feet)	Perforations	Kind Size	From (Feet)	To (Feet)
12"	0	77			
5"	0	77			
			drilled 57	77	
			7/16"		



Static water level 45 ft.\*  
Pumping water level 55 ft.\*  
at 8 gallons per minute,  
measured        minutes after pumping began.

\*Measured from ground level.

Well developed by air

for 4 hours.

Power elec. Pump 1/2 HP

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

gravel pack ground  
15" casing from 20'  
to 77'

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

Driller's Signature Francis Boyce

Driller's Address Sidney Mont.

LICENSE NO. 92

County Wilbur

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	38
38	45
45	77
77	79

77 Show exact depth of bottom

48935

