

File No.

NOV 29 1965

T 18 N 58 E 15

DUPLICATE

Billie _____ McDermott _____
 Butts: n _____ McNulty _____
 CDOG _____ Morton _____
 Darlinton _____ Sullivan _____

County Wibaux

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

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

Notice of Completion of Groundwater
 Appropriation by Means of Well

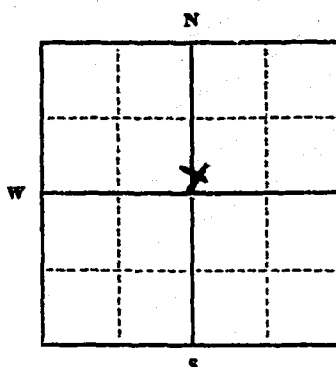
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Townley Estate Address Wibaux, Mont
 Driller Francis Boyce Address Sidney, Mont
 Date of Notice of appropriation of groundwater _____
 Date well started Nov 11 1965 Date completed Nov 15 1965
 Type of well drilled Equipment used Churn drill
 (Dug, Driven, bored or drilled) (Churn drill, rotary or other)
 Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
 Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" to 126	4" I.D.	0	148	none		
4" from 126	1 1/2 lb					
to 160 ft	per ft					



Static Water Level for non-flowing well

79 ft

Shut-in Pressure for Flowing Well

Pumping Water Level 85 feetat 1.0 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BisbyLength of Test 2 hoursRemarks: (Gravel packing, cementing, packers, type of shutoff) gravelpacked back to 145 ft down

1/4 Sec. 15 T. 17 R. 5
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

160 ft

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

No. 92
Francis Boyce
39916

69421

WIBAUX COUNTY, MONTANA

FILED

Nov. 24 1968
2:55 PM

Bernie [unclear]

Dec 2 1968

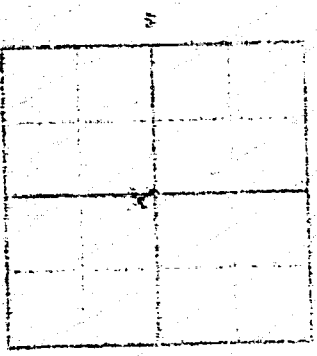
County Clerk
I hereby certify that the within and foregoing is a true and correct copy of the original as the same appears of record in the County Clerk's Office.

Notary Public
[Signature]

Proof
Number of copies and location of copies made in accordance with the provisions of the Montana Code of Laws, Title 2, Chapter 10, Section 2-101.

Witness my hand and seal of office this 11th day of November, 1968.

[Signature]



Notary Public
[Signature]

[Signature]

[Faint, illegible text and markings on the left margin]

RECEIVED

DRILLER'S LOG

17

DEC 1 1971

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.

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 K & H Ranch
Rip R Ranch
Address Glendive, Mt.

For Administrator's Use	
File	<u>73698</u>
Date	<u>Dec 26, 1971</u> <u>11:00 A.M.</u>
GW	<u>1</u>

Date well started 5-9-1971

completed 5-13-1971

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

Equipment used ROTARY
(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

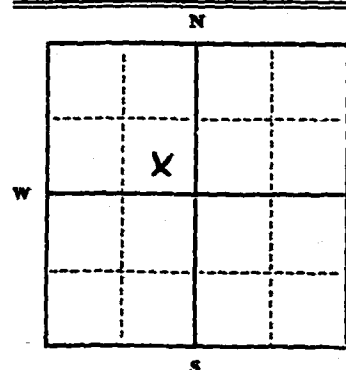
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe ARTISIAN

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
<u>6 1/4"</u>	<u>5"</u>	<u>0</u>	<u>52</u>	Kind Size From (Feet) To (Feet)
<u>4 3/4"</u>	<u>15* PER. FT.</u>	<u>52</u>	<u>795</u>	
	<u>1 1/4" GALV. PIPE</u>	<u>0</u>	<u>795</u>	<u>TORCH SLOTS 740 790</u>



SHUT IN PRESSURE 38 LBS.
Static water level ft.*
Pumping water level ft.*
FLows 33 gallons per minute,
measured minutes after pumping
began.
*Measured from ground level.
Well developed by
for hours.
Power Pump HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) PACKER
SET AT 730 TO 740

SE 1/4 NW 1/4 Sec. 17
T. 18 N. R. 58 E. W

PLUGGED WITH 53
SACKS CEMENT

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

Driller's Signature

Driller's Address

Box 1183 - Glendive LICENSE NO. 168

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
<u>0</u>	<u>18</u>	<u>Topsoil and yellow clay</u>
<u>18</u>	<u>63</u>	<u>GRAY CLAY</u>
<u>63</u>	<u>67</u>	<u>SAND STONE</u>
<u>67</u>	<u>126</u>	<u>GRAY CLAY</u>
<u>126</u>	<u>127</u>	<u>SAND STONE</u>
<u>127</u>	<u>134</u>	<u>GRAY CLAY</u>
<u>134</u>	<u>137</u>	<u>COAL</u>
<u>137</u>	<u>185</u>	<u>GRAY CLAY</u>
<u>185</u>	<u>189</u>	<u>SAND STONE</u>
<u>189</u>	<u>255</u>	<u>GRAY SHALE</u>
<u>255</u>	<u>260</u>	<u>COAL</u>
<u>260</u>	<u>290</u>	<u>GRAY SHALE</u>
<u>290</u>	<u>305</u>	<u>GRAY SAND</u>
<u>305</u>	<u>309</u>	<u>SAND STONE</u>
<u>309</u>	<u>330</u>	<u>GRAY SHALE</u>
<u>330</u>	<u>336</u>	<u>COAL</u>
<u>336</u>	<u>487</u>	<u>GRAY SHALE</u>
<u>487</u>	<u>498</u>	<u>COAL</u>
<u>498</u>	<u>513</u>	<u>GRAY SANDY CLAY</u>
<u>513</u>	<u>515</u>	<u>SAND STONE</u>
<u>515</u>	<u>535</u>	<u>GRAY SHALE</u>
<u>535</u>	<u>538</u>	<u>COAL</u>
<u>538</u>	<u>740</u>	<u>GRAY SHALE</u>
<u>740</u>	<u>790</u>	<u>GRAY WATER SAND</u>
<u>790</u>	<u>795</u>	<u>GRAY SHALE</u>

795 Show exact depth of bottom

49509

73698

Completion of Water Right
R + H Ranch
Public

WIBAUD COUNTY, MONTANA

FILED

Aug 25 1911
11:00 AM

Deputy Sheriff

Deputy Sheriff

712

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

OCT 27 1971

County WILHELM

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.

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 K. J. Ranch
Address Bellevue, Mt.

For Administrator's Use	
File	<u>73698</u>
Date	<u>10-26-71</u>
Initials	<u>H.A.M.</u>
GW	

Date well started 5-9-1971

completed 5-13-1971

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

Equipment used rotary
(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

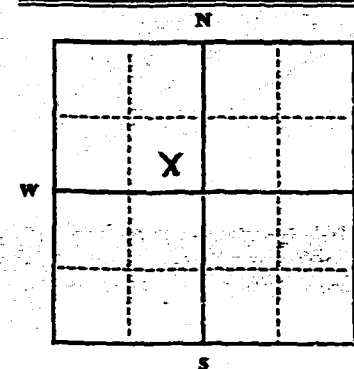
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe ARTISIAN

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
<u>6 1/4"</u>	<u>5"</u>	<u>0</u>	<u>52</u>	
<u>4 3/4"</u>	<u>15# PER. FT.</u>	<u>52</u>	<u>795</u>	
	<u>1 1/2" GALV. PIPE</u>	<u>0</u>	<u>795</u>	<u>Torch Slots 740 790</u>



Static water level 38 ft.*
Pumping water level 33 ft.*
Flow 3.3 gallons per minute, measured minutes after pumping began.
*Measured from ground level.
Well developed by for hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) PACKER SET AT 730 TO 740

S. E. 1/4 N. 1/4 Sec. 17
T. 18 N. R. 58 E.

PLUGGED WITH 53 SACKS CEMENT

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

Driller's Signature

Driller's Address

LICENSE NO.

From (Feet)	To (Feet)	Strata
0	18	Topsoil and yellow clay
18	62	clay
62	67	SAND STONE
67	126	GRAY CLAY
126	127	SAND STONE
127	139	GRAY CLAY
139	137	COAL
137	185	GRAY CLAY
185	189	SAND STONE
189	255	GRAY SHALE
255	260	COAL
260	290	GRAY SHALE
290	305	GRAY SAND
305	309	SAND STONE
309	330	GRAY SHALE
330	336	COAL
336	487	GRAY SHALE
487	498	COAL
498	513	GRAY SANDY CLAY
513	515	SAND STONE
515	535	GRAY SHALE
535	538	COAL
538	740	GRAY SHALE
740	790	GRAY WATER SAND
790	795	GRAY SHALE

795 Show exact depth of bottom

44275

RECEIVED
AUG 1 1959

T 18 R 58

County Wibaux

MONTANA BUREAU OF MINES AND GEOLOGY
STATE ENGINEER Butte, Montana

WATER WELL LOG

	x	

Owner Mrs. C. L. Hutchinson Address Wibaux, Montana

Driller Francis Boyce Address Trattara, N. D.

Date Started Aug. 20, 1959 Date Completed Aug. 23, 1959

Location: Sec. 20 T R 1/4 sec.

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

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

Casing: 0 ft. to 315 ft. Type line Size 4 inch 11 lbs. P.F.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations

Static Water level, for non-flowing well: 224 feet down feet.

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

Pumping water level 240 feet at 2 1/2 gal. per min

How tested: pump

Length of test 6 hrs.

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

No perforations, no gravel pack

Well drilled 326 feet deep

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	24	yellow clay & tapeoil
24	37	gray shale
37	45	coal
45	63	brown shale
63	68	coal
68	225	gray shale thick layer rock thin layer coal
225	230	rock
230	300	gray shale soft
300	303	coal
303	312	shale
312	324	soft water bearing sandstone
324	326	shale
326	?	rock

WILKINSON COUNTY, MISSISSIPPI
FILED
JUL 26 1957
J. H. GIBBS, JR.
County Clerk

FILED
APR 25 1907
P.M. 2.34
CLERK OF DISTRICT COURT
WYOMING COUNTY, W. VA.

68144

File No. _____

T. 17

DUPLICATE

County 22

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 2200 app.)

Notice of Completion of Groundwater Appropriation by Means of _____
(Under Chapter 237, Montana Session Laws)

15 Typical clay, 8' thickness
15 white clay
20 coal
20 gray shale
10 sand
13 sand
16 gray shale
16 sand
165 gray shale
120 dark gray shale
165 sandstone (dry)
195 sandstone with strata

Owner Harry Township Address _____

Driller Francis Ruffin Address _____

Date of Notice of Appropriation of Groundwater _____

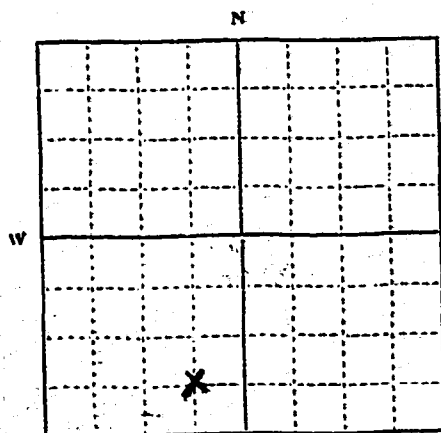
Date well started July 27 1964 Date Completed _____

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	Kind of Strata
12 inches indiscriminate	4 inch I.D. 1 1/2 inch O.D.	0	195	1/2" sandstone 1/2" shale



1 1/2 Sec 21 T 18 R 28
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 _____

Shut-in Pressure for Flowing Well _____

Pumping Water Level 155 feet at _____

Discharge in gal. per min. of flowing well _____

How Tested Driller Length of Test _____

Remarks: (Gravel packing, cementing, packers, location of place of use of groundwater and other similar pertinent information, acres irrigated, if used for irrigation),

is drilled 12 inches to 194 ft with 2 1/2 inch gravel installed into

Driller's License No.

Driller's Signature Francis Ruffin

This form to be prepared by driller, and three copies to be filed by the owner with the County 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 Mines and Geology and Quadruplicate for the Appropriator.

68317

Completion of Drill
Harry L. Laidley

WIBAUX COUNTY, MONTANA

FILED

Sept. 2, 1964
8:54 A.M.

Barrie L. Laidley

Dec. 2, 1964

WIBAUX COUNTY, MONTANA
RECEIVED
SEP 2 1964
8:54 A.M.
FILED
CLERK OF DISTRICT COURT
WIBAUX COUNTY, MONTANA

File No. _____

T. 18 N 58 E

DUPLICATE

County Liberty

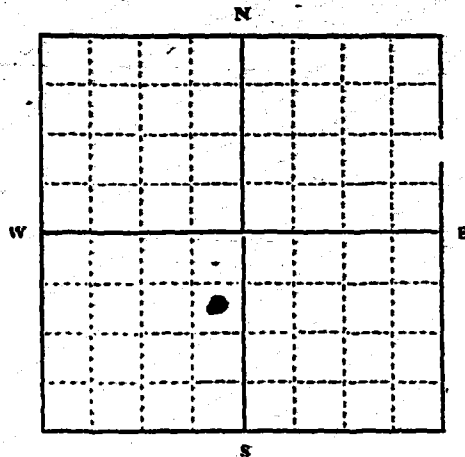
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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

S. 1/4 Sec. 25 T. 18 R. 58

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 livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1956 - steady
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Windmill - pump jack

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1956 200

8. The depth of water table 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.

6 inch hole - 18.5 ft. deep

10. The estimated amount of groundwater withdrawn each year 400,000 gals

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

Unknown

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

Unknown

Signature of Owner

Date

Gotfried Viskoff
Dec 29 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.

25342

67541

WIBAUX COUNTY, MONTANA

FILED

Dec 30, 1963
4:00 P.M.

Dennis Sammis

County Clerk

James Smith

Fee 2.00

File No. _____

T. 18N R. 58E 26

DUPLICATE

County Chibaut

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

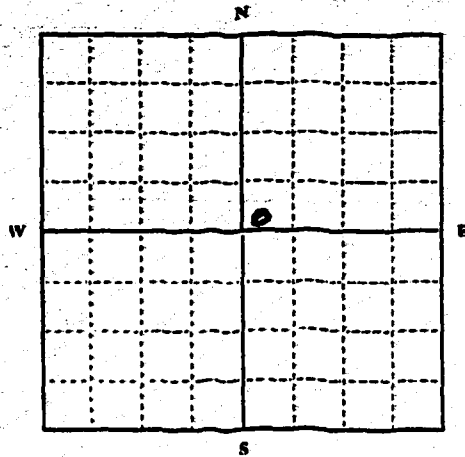
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



N.E. 1/4 Sec. 26 T. 18 R. 58

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 Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1957 - steady
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Windmill - pump jack
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1957
8. The depth of water table 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 inch hole - 125 ft. deep
10. The estimated amount of groundwater withdrawn each year 400,000 gals
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
Unknown

Signature of Owner

Date

Gottfried Dikoff
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.

25346

67539

GRAND COUNTY, MONTANA

FILED
Dec 30, 1963
4:00 PM

Barney F. ...
James Smith

Fee \$ 00

strongly advised ...
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RECEIVED
SEP 21 1960

T. 18 R. 58 26

County Wibaux

MONTANA BUREAU OF MINES AND GEOLOGY
STATE ENGINEER Butte, Montana

WATER WELL LOG

X		

Owner Harry Townley Address Wibaux, Mont.

Driller Francis Boyce Address Trotters, N. Dak.

Date Started June 23, 1960 Date Completed June 25, 1960

Location: Sec. 26 T. 18 R. 58 1/4 sec. NW1/4

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

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

Casing: 0 ft. to 153 ft. Type line pipe Size 4 inch 11 lb. per ft.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations 10" x 1/2" torch slots

Static Water level, for non-flowing well: 88 feet feet.

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

Pumping water level 110 feet at 12 gal. per min.

How tested: Baller

Length of test 1 hour

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

(over)

Log of Well

[illegible]

64181

WILKINSON COUNTY, MONTANA

Sept 20, 1960

Bureau Building.
By-the-way Brooklyn.
Feb 8/90.

T. 18N R. 58E 27
County Wibaux

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

X			

Owner Nels. R. Boe Address Wibaux, Montana
Driller Francis Boyce Address Trotters, N. D.
Date Started May 15, 1956 Date Completed May 21, 1956
Location: Sec. 27 T. 18 R. 58 NW

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

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

Casing: 0 ft. to 180 ft. Type line pipe Size 4" 11 lbs.

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

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

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

Type of screen or perforations None

Static Water level, for non-flowing well: 160 ft. down feet.

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

Pumping water level 170 feet at 3 gal. per min.

How tested: cylinder pump

Length of test 12 hrs.

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

Casing to 180 feet on top of 10 ft of coal total depth 194

(over)

Log of Well

[illegible]

WIBAUX COUNTY, MINN.

EFILED

D

*Accepted for filing
Feb. 17, 1937
J. B. O'H.
Judge Wm.*

*Attorney General
Hogarty*

Court Clerk

63183

File No. _____

T 18 N SS E 27

DUPLICATE

County Wibaux

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Harry F. & Minerva Tomuley

(Name of Appropriator)

, of

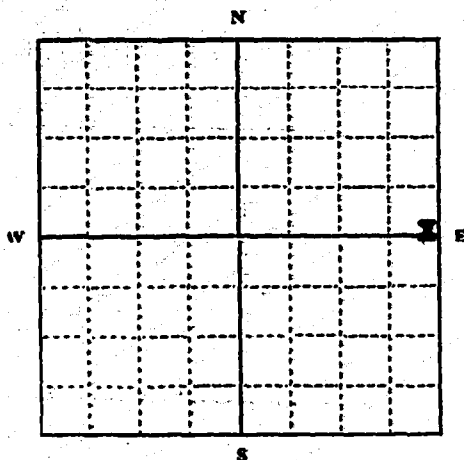
(Address)

Wibaux

(Town)

County of WibauxState of Montana

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

N/E 1/4 of Sec. 27 T. 18 R. 28

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 1933 Continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 Gal per min.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump jack with gas motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced and completed 1933 1933

8. The depth of water table 170'

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 4" casing 180' deep

10. The estimated amount of groundwater withdrawn each year 8 gal per min.

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

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

Signature of Owner

Harry F. & Minerva TomuleyDate 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.

25438

67639
WIRADIX COUNTY, MONTANA
FILED
DEC 31 1963
2:30 PM
Bernice Lammert
John Smith
7th 8.02

RECEIVED
JUN 16 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

	X	

T 18 R 58 32
County Wibaux
Owner Clarence Hutchinson Address Wibaux, Montana
Driller Francis Boyce Address Trotters, N. D.
Date Started 5 5 58 Date Completed 5 9 58
Location: Sec. 32 T. 18 R. 58 1/4 sec. SE 1/4

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

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

Casing: 0 ft. to 118 ft. Type Line pipe Size 4" 11 lbs per ft.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. None to ft. Ft. to ft.

Type of screen or perforations None

Static Water level, for non-flowing well: 95 feet.

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

Pumping water level 98 feet at 5 gal. per min.

How tested: Cylinder and sucker rods

Length of test 6 hrs

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

Gravel packed 116 ft. down

(over)

Log of Well

[illegible]

161578

water well log

Clarence Hutchinson

Filed: June 13, 1958
3:30 P. M.

County Clerk

Free: Boy

OCT 19 1971

County: Libaux

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 Glenn Hutchenson

Address Libaux, Mont.

Date well started _____

completed Sept. 13, 1971

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used rotary

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

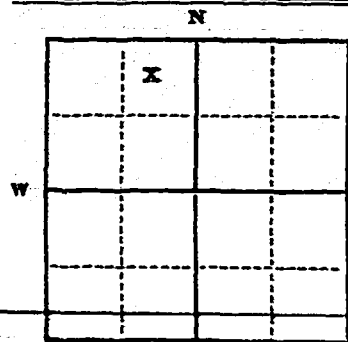
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 _____

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
6"	5" I.D. 16 lbs. per ft.	0 1/4	1 1/4	Kind Size	From (Feet)	To (Feet)
1 1/2"	1 1/2" galv.	1 1/4	800	1/8x2" torch slots	779	800



shut in pressure 7 lbs.

Static water level _____ ft.*

Pumping water level _____ ft.*

flows 8 gallons per minute, measured _____ minutes after pumping began.

*Measured from ground level.

Well developed by _____ for _____ hours.

Power _____ Pump _____ HP

Remarks: (Gravel packing, cementing, packers, type of shutoff) 4" steel packer set at 767 to 779'
31 sacks cement pumped down

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

Driller's Signature _____

Driller's Address _____

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) 2200

From (Feet)	To (Feet)	Strata
0	38	topsoil - clay and silt
38	171	gray shale
171	173	rock
173	189	gray shale
189	193	coal
193	531	gray shale
531	533	rock
533	537	gray shale
537	539	rock
539	582	gray shale
582	583	rock
583	610	gray shale
610	712	sandy gray shale
712	715	rock
715	757	gray shale
757	758	rock
758	780	gray shale
780	800	gray coarse sandstone water strata

LICENSE NO. 92

800

Show exact depth of bottom

49251

Completion of Water Sewer
Plant & Water Main

[illegible][illegible][illegible][illegible]

ON 11-25-77

File No.

DUPLICATE

T. 18 N 58 E 34

County Wibaux

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

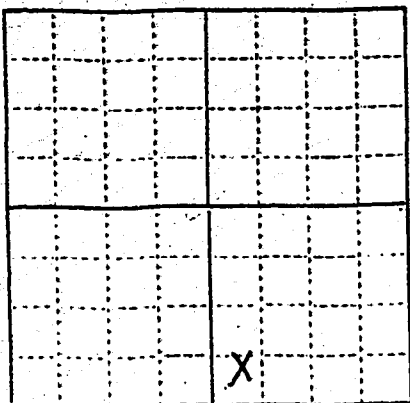
Declaration of Vested Groundwater Rights

(Under Chapter 9, Montana Session Laws, 1961)

I, Hildur A. Hutchinson, of Wibaux, Montana
(Name of Appropriator) (Address) (Town)

County of WibauxState of Montana

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

SW $\frac{1}{4}$ SE 34 T 18 R 58

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 and household
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. April 1, 1944 - continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 began March 20, 1944, finished April 1, 1944
8. The depth of water table 140 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater six inch casing - 180 feet deep
10. The estimated amount of groundwater withdrawn each year unknown
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

Hildur A. Hutchinson
by Hildur A. Hutchinson
Date Dec. 27, 1963

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

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

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

25229

67420

WIBAUX COUNTY, MONTANA

FILED

Dec 27, 1963

4:00 PM

Bernie Sommier
County Clerk

Fee \$ 2.00

John Smith
dyg

File No. _____

T 18 N 58 E

DUPLICATE

County Chibaux

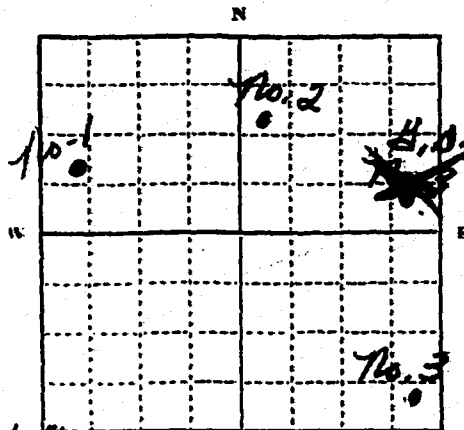
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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



No. 1 - NW
No. 2 NE
No. 3 SE 1/4 Sec. 36 T. 18 R. 58

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 livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been No. 1 Well - 1920
No. 2 Well - 1950
No. 3 Well - 1940
4. The amount of groundwater claimed (in miner's inches or gallons per minute) No. 1 - 8 gals. per min.
No. 2 - 3 gals. per min. No. 3 - 5 gals. 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
Windmill - pump jack

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater No. 1 - 1920 No. 2 - 1950
No. 3 - 1940
8. The depth of water table No. 1 - 30 ft. No. 2 - 70 ft. No. 3 - 90 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
No. 1 - 8 inch hole - 80 ft. deep
No. 2 - 6 inch hole - 120 ft. deep
No. 3 - 6 inch hole - 145 ft. deep
10. The estimated amount of groundwater withdrawn each year No. 1 - 500,000 No. 2 - 100,000 No. 3 - 500,000
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
Unknown

Signature of Owner

Date

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

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

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

25339

62538

SIBAU COUNTY, MONTANA

FILED

Dec 30 1963
4:00 PM

Bernie Tommese

Dec 30 1963

Dec 2 1963

GROUNDWATER INDEX

Page 1 of 4

County WIBAUX

Twp. 18 N

Rge. 59 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
5	Smith Creek Co-op	GW 2	69755	
14	BARNABY, GARY D		67499	
15	NOR. PAC. RY. CO.	GW 3	67249	
26	BARNABY, GARY D		67498	
27	NOR. PAC. RY. CO.	GW 3	67248	
31	OTKOFF, GOTTFRED	GW 2	69798	
33	NOR. PAC. RY. CO.		67243	
34	BARNABY, GARY D.	GW 3	67496	
35	BARNABY, GARY D.	GW 3	67495	
5	Smith Creek Co-op	GW 2	69755	

Smith BRACK CO-OP
18N 59E Sec. 5
Should be
Wibaux

WATER CONSERVATION BOARD

MAY 3 1966

Approved Stock Form—State Publishing Co., Helena, Montana—4232

T. 18N R. 59E

County

McDermott

McNulty

Morton

Sullivan

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner

Address

Driller

Address

Date of Notice of appropriation of groundwater

Date well started

Date completed

Type of well

(Dug, Driven, bored or drilled)

Equipment used

(Churn drill, rotary, or other)

Water use:

Domestic ☐

Municipal ☐

Stock ☒

Irrigation ☐

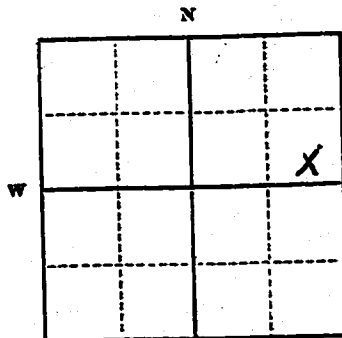
Industrial ☐

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	From (Feet)	To (Feet)
4" I.D.	4" I.D. 11 lb. P.F.	0	258	none		



2.14E Sec. 5 T. 18N R. 59E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well
136 feet.

Shut-in Pressure for Flowing Well
208 feet

Pumping Water Level
at 8 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer

Length of Test 3 hours

Remarks: (Gravel packing, cementing, packers type of shutoff)
back to 246 ft.

(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.

265

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

Francis Boyce

Driller's Signature

41021

GW 2

File No.

STATE WATER CONSERVATION BOARD

MAY 3 1966

DUPLICATE

LOG

 Bill
 Butzerin
 Coyle
 Darlington
 D. J.

 McDermott
 McNulty
 Morton
 Sullivan

 STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

0 20 top of brown clay
 20 37 gray clay
 37 66 coal
 66 84 gray clay
 84 114 dark gray shale
 114 122 thin layer coal not seen
 122 131 gray shale
 131 135 rock
 135 207 hard dark shale
 207 209 rock
 209 218 tough shale
 218 240 sandstone (dry)
 240 255 congl clay
 255 257 coal
 257 265 sandstone
 265 270 shale

 Notice of Completion of Groundwater
 Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner

Address

Driller

Address

Date of Notice of appropriation of groundwater

Date well started

Date completed

Type of well

(Dug, Driven, bored or drilled)

Equipment used

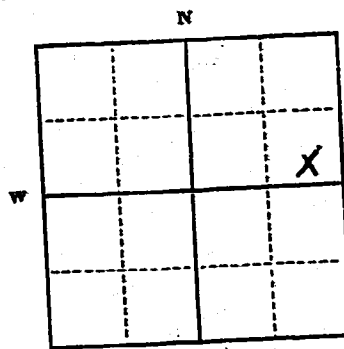
(Churn drill, rotary or other)

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	From (Feet)	To (Feet)
4" I.D.	4" I.D. 11 lb. P.F.	0	255	none		



Static Water Level for non-flowing well

136 feet

Shut-in Pressure for Flowing Well

200

Pumping Water Level

at 8 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested

Backer

Length of Test

3 hours

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

back to 246 ft.

2.14 E. Sec. 5 T. 18 R. 59
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

This form to be 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

41021

69755

Notice of Completion of
Guantanamo Apprehension
by means of flight
to the
State of New York
District of Columbia

Notice of Completion of
Guantanamo Apprehension
by means of flight
to the
State of New York
District of Columbia

Feb 20 1900

STATE DEPT. COM. 1000
MAY 3 1900

RECEIVED

Notice of Completion of
Guantanamo Apprehension
by means of flight
to the
State of New York
District of Columbia

NAME	AGE	SEX	DATE	PLACE	REMARKS
...	...	...	...	...	...

NAME	AGE	SEX	DATE	PLACE	REMARKS
...	...	...	...	...	...

File No. _____

T. 18 N. R. 59 E. 14

DUPLICATE

County Wibaux

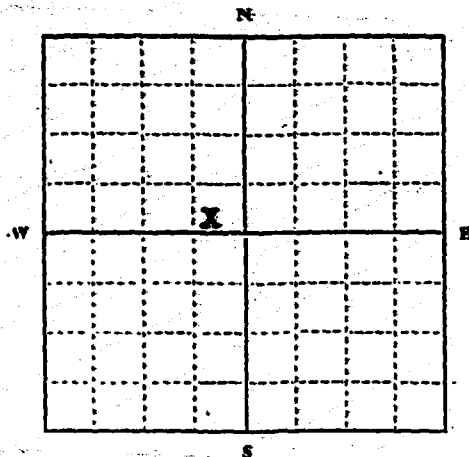
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Gary 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. 14 T. 18 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 1954. Year round use.

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 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 1/4-14-18-59.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 6/17/54-6/24/54

8. The depth of water table 180 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, 4" steel casing, 190 feet deep.

10. The estimated amount of groundwater withdrawn each year 100,000 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.

25300

67499

WIBAUX COUNTY, MONTANA

FILED

dec 31 1967
5:15 PM

Bernard Sammon

John Smith

Feb 20

James B. Thompson

File No. _____

T. 16N R. 59E

DUPLICATE

County Wibaux

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 1961

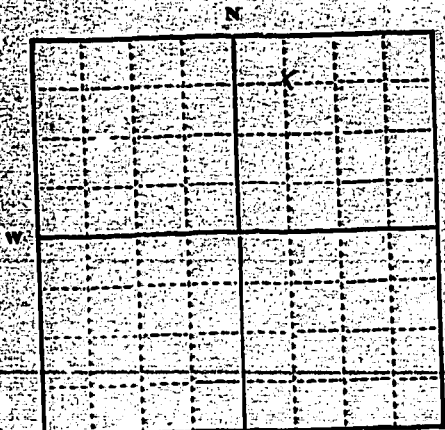
Owner Northern P. Ry. Co. Address 4th Floor, Bldg.

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. Spring used since 1911.



NE 1/4 Sec. 15 T16N R. 59E

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. Spring has been dug out and runs 2 gallons per minute.

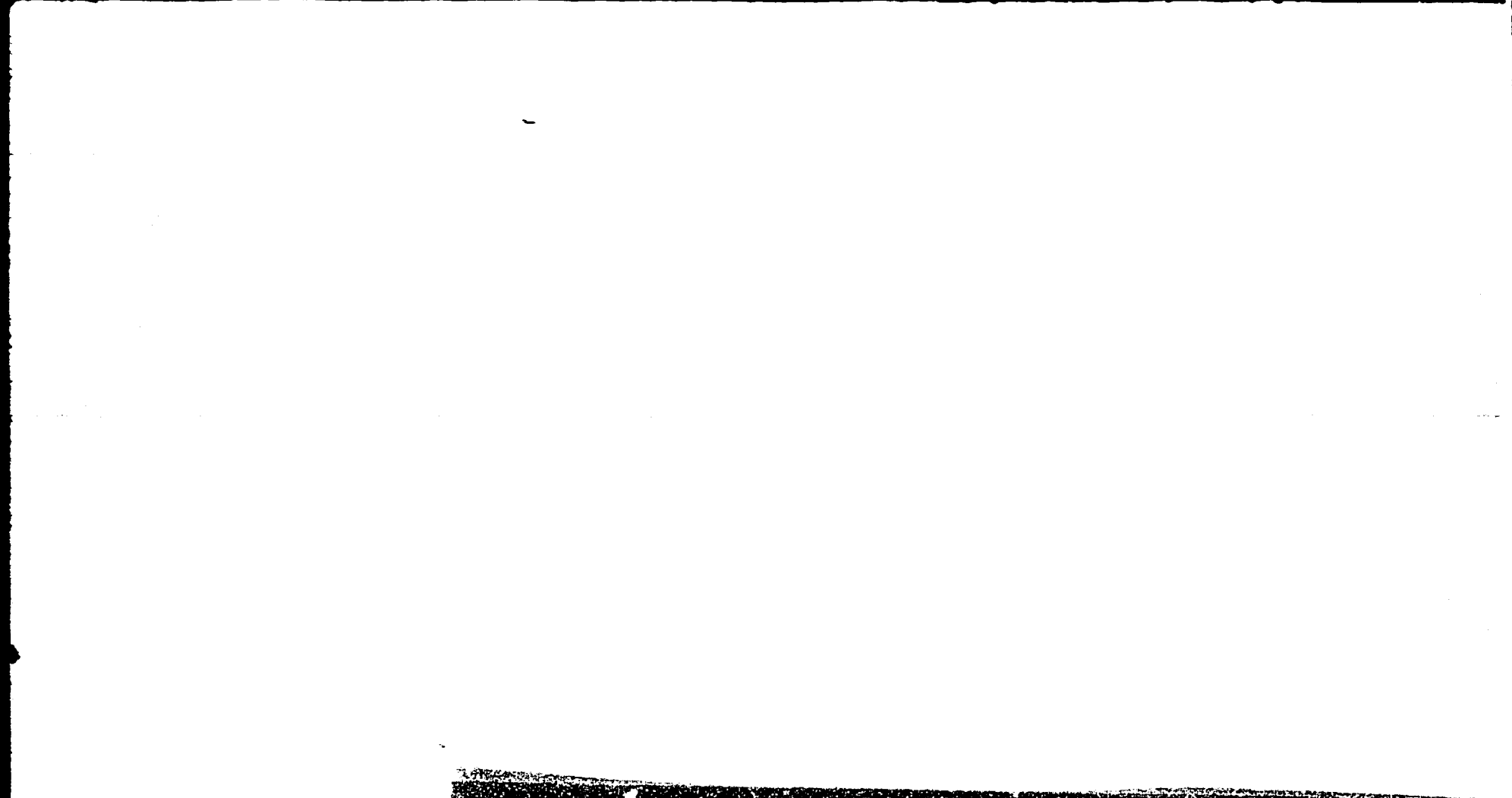
Signature of Owner Northern Pacific Railway Company
By [Signature] Dist. Supervisor, Gran. & Cult.
Date _____

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. _____

T 18 N R 59 E 26

DUPLICATE

County Wibaux

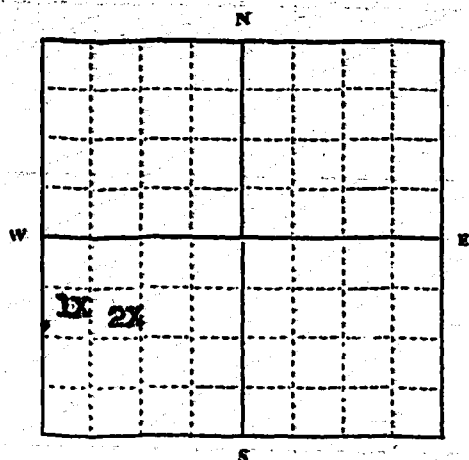
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Gary 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 SW Sec. 26 T. 18 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 1X. Livestock and household. 2X. Livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1X. 1953, Year round use. 2X. 1954, Year round use.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1X. 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 1X. None. 2X. None.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1X. Pump jack. 2X. Wind mill. SW 1/4-26-18-59.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1X. 7/10/53-7/25/53. 2X. 6/12/54-6/16/54.
8. The depth of water table 1X. 320 feet. 2X. 70 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. 1X. Deep well, 6" steel casing, 340 feet deep. 2X. Deep well, 6" steel casing, 73 feet deep.
10. The estimated amount of groundwater withdrawn each year 1X. 100,000 gallons. 2X. 124,000 gallons.
11. The log of formations encountered in the drilling of each well if available 1X. Not available. 2X. 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 1X. None. 2X. 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.

25299

WIBAU COUNTY, MONTANA
67498

WIBAU COUNTY, MONTANA

FILED
DEC 30, 1966
3:15 PM

Benjamin L. ...
Jan ...
7-22-66

Handwritten notes and signatures in the bottom right corner.

File No. _____

DUPLICATE

T. 13N R. 59E

County Wibaux

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)

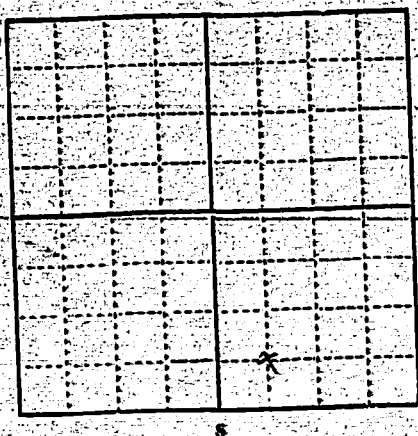
Date of Appropriation of Groundwater 1962Owner Nor. Pac. Ry. Co. Address 212 Park Bldg.

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. Spring, used since 1912.



SW 1/4 Sec. 27 T13N R. 59E

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. Spring flows

5 gallons per minute.

Signature of Owner Northern Pacific Railway Company
By J. H. Schubert
Dist. Supervisor, Grass & Cult.

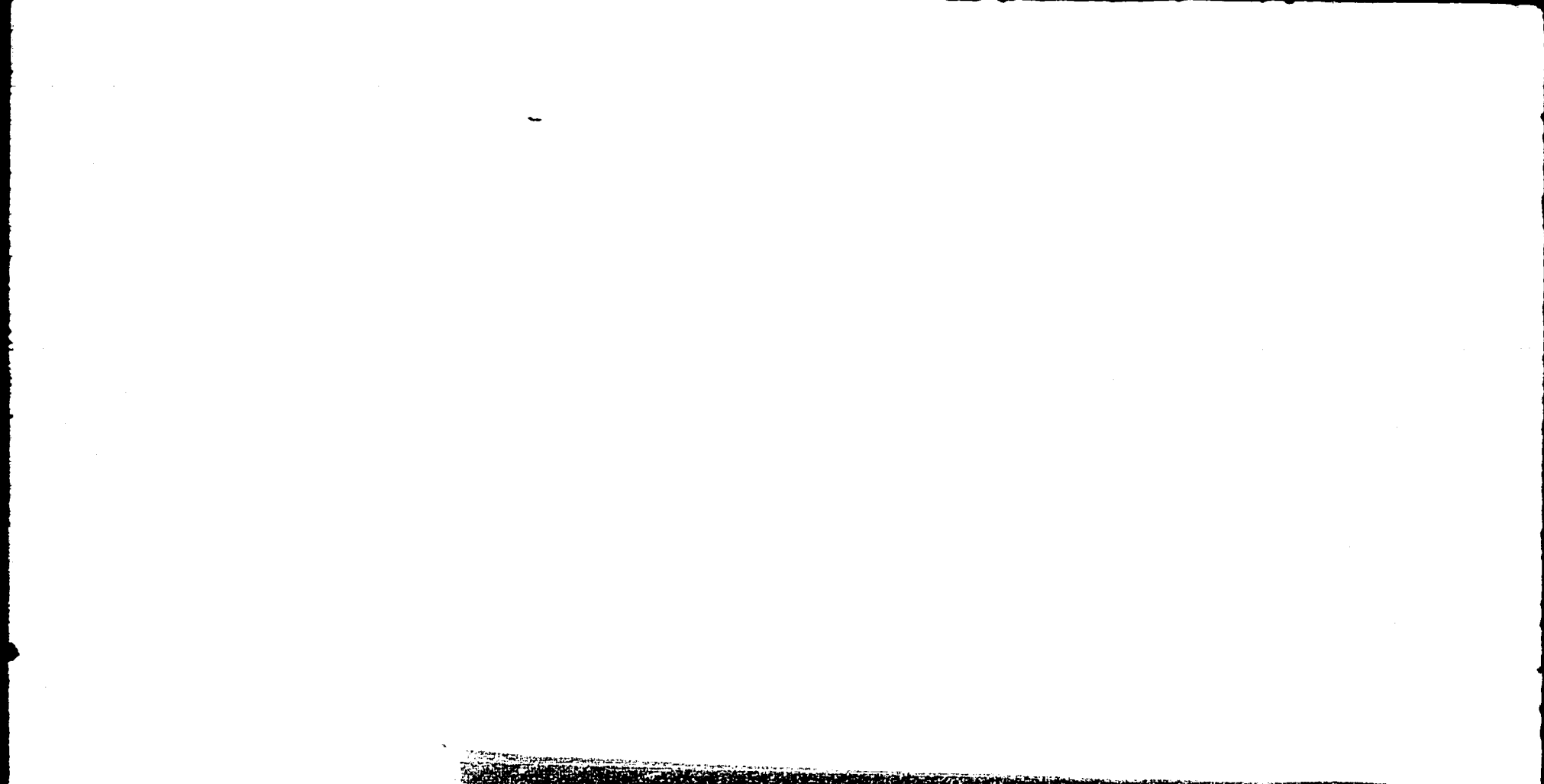
Date _____

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.



GW 2

STATE WATER CONSERVATION BOARD

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

File No. _____

JUN 2 1966

T 18 N 59 E

DUPLICATE

Bille _____ McDermott _____

County Wilbur

Butzerin _____ McNulty _____

STATE OF MONTANA

Coyle _____ Mortog _____

ADMINISTRATOR OF GROUNDWATER CODE

Darlington _____ Sullivan _____

OFFICE OF STATE ENGINEER

Dickert _____

Top of Ground

(Elev. above sea level 2600)Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

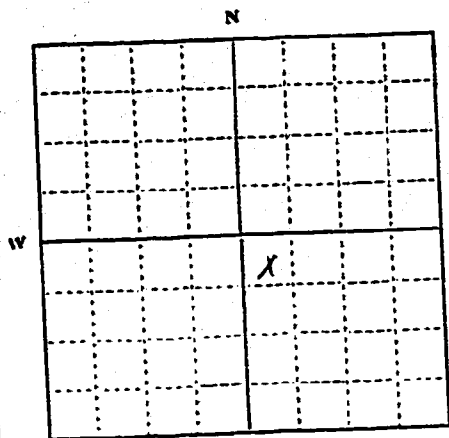
Owner William HuntAddress Wilbur HuntDriller H. D. GoodaleAddress Beck H. D.

Date of Notice of Appropriation of Groundwater _____

Date well started 2 May 66Date Completed 5 May 66Type of well drilled
(dug, driven, bored or
drilled)Equipment Used rotary
(Churn, drill, rotary or
other)Water Use: Domestic ☐
Industrial ☐Municipal ☐
Drainage ☐Other ☐
Stock ☒Irrigation ☐

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)
9"	4" ID 11.16 lb ft	0	300	1/4" slot	250	300



SE 1/4 Sec. 31 T. 18 R. 59
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 230

Shut-in Pressure for Flowing Well _____

Pumping Water Level 270 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested boiler Length of Test 1 hr.

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) small packoutside casing.

91
Driller's License Number

Howard 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.

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.

4111

File No. _____

T. 18N R. 59E

DUPLICATE

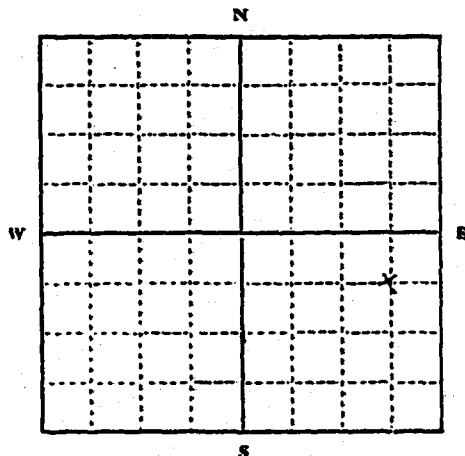
County Wibaux

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Northern Pacific Railway Company, of N.P. Bldg. St. Paul
(Name of Appropriator) (Address) (Town)
County of Ramsey State of Minnesota
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 33 T18N R. 59E

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 Furnishing water for livestock.
3. Date or approximate date of earliest beneficial use; and continuous the use has been Continuous since 1961.
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 None.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well, drilled in 1961.
8. The depth of water table 25 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 50 feet deep - 18-inch casing.
10. The estimated amount of groundwater withdrawn each year _____
11. The log of formations encountered in the drilling of each well if available Not available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None available.

Northern Pacific Railway Company
Signature of Owner By [Signature]
Dist. Supervisor, Graz. & Cult.
Date _____

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

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

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

67243

WIBAWK COUNTY, MONTANA

FILED

December 15, 1969
5:00 P.M.
Bernice L. [Signature]
Dea 12.00

RECEIVED

DEC 16 1969

CLERK OF DISTRICT COURT

DEC 17 1969

DEC 17 1969

DEC 17 1969

DEC 17 1969

File No. _____

DUPLICATE

T 18 N 59 E 34

County Stark

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**

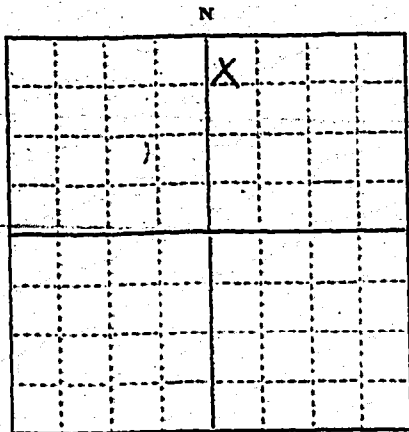
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1975Owner Gary D. Barnaby Address StarkContractor (if any) Not known

Address of Contractor _____

Date Started Not available Date Completed Not available

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



NE 1/4 Sec 34 T.18 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 sufficient

for 150 head livestock - year
around

Signature of Owner Gary D. BarnabyDate 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.

File No. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CONTROL
OFFICE OF STATE ENGINEER

RECEIVED

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 23, Montana Session Laws, 1961)

Date of Appropriation of Groundwater _____

Owner _____

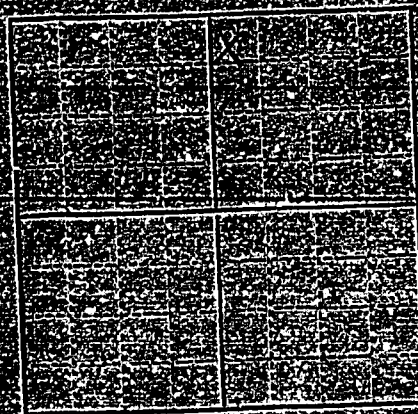
Contractor (if any) _____

Address of Contractor _____

Date Started _____

Date Completed _____

Describe means of obtaining groundwater without a well, such as
sub-irrigation and other related procedure. Include details of
water use, if applicable.



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

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

Signature of Owner _____
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.

67496

WIBAUD COUNTY, MONTANA

FILED
DEC 30 1963
3:15 PM

Bernice J. ...
County Clerk

Feb 1964

RECEIVED BY THE COUNTY CLERK

RECEIVED BY THE COUNTY CLERK

Handwritten notes and signatures in the lower section of the document.

File No. _____

DUPLICATE

T. 18 N. R. 59 E.

County Wilbur

RECEIVED
JAN 6 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 1965

Owner Harry D. Barnaby

Address Wilbur, Montana

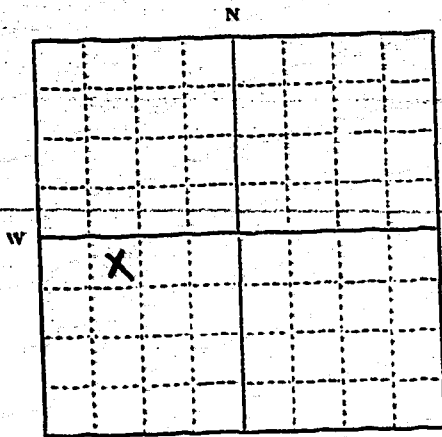
Contractor (if any) None - not known

Address of Contractor None - 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. Spring - self flowing



SW 1/4 Sec. 35 T. 18 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 to water 75 head of livestock year round.

Signature of Owner Harry 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.

25296

67495

WIPAUX COUNTY, MONTANA

FILED

Dec 30 1965
3:15 PM

James D. Smith

James D. Smith

7-10-2-55

GROUNDWATER INDEX

Page 1 of 1

County LOTBAUX

Twp. 18N

Rge. 60 E

[illegible]

File No. _____

T 18 R 60 East

DUPLICATE

County Wibaux

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

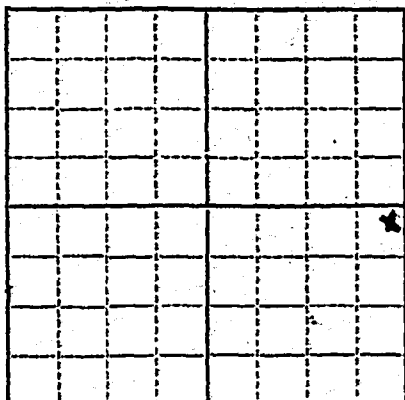
RECEIVED
 JAN 23 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Conrad Brungard of Shaw Route Sidney
 (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:



NE 1/4 Sec. 4 T. 18 R. 60 E

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

2. The beneficial use on which the claim is based Range
Stock Water
3. Date or approximate date of earliest beneficial use; and how con-
 tinuous the use has been August 1, 1948 and has
been used annually since.
4. The amount of groundwater claimed (in miner's inches or gallons
 per minute) 1 gallon per minute grazing months
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 app.
6. The means of withdrawing such water from the ground and the
 location of each well or other means of withdrawal Windmill
and pumpjack NE 1/4 Sec. 4 T. 18 R. 60 E
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
 drawal of groundwater July 12, 1948 Completed July 30, 1948
8. The depth of water table Approximately 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 A drilled well with 4" casing with an approx-
imately 160 ft. deep
10. The estimated amount of groundwater withdrawn each year 216,000 Gal.
11. The log of formations encountered in the drilling of each well if available No log kept
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 Conrad Brungard

Date Dec, 20, 1962

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

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

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

66445

Water Groundwater Rights
Council Bureau
to -
Public

WIBAUX COUNTY, MONTANA

FILED

Jan 21, 1962
10:31 A.M.

Ernest J. Hargrave
County Clerk

See B. 10

File No. _____

STATE WATER CONSERVATION BOARD

T. 18 R. 60

DUPLICATE

JUL 7 1967

County Wilbert

Bille _____ McDermott _____

Butcherin _____ Mellett _____

Coyla _____ McFon _____

Darkinton _____ Sullivan _____

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)

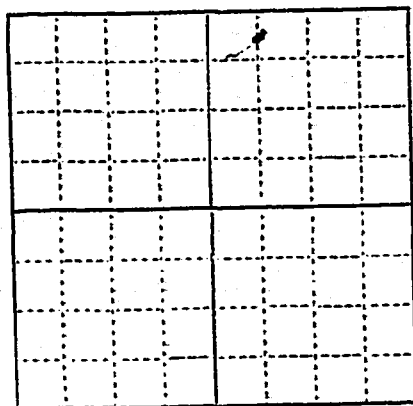
Owner Carl KnudsenAddress WilbertDriller H. D. GoodaleAddress Beck P. D.

Date of Notice of Appropriation of Groundwater _____

Date well started 22 May 67Date Completed 24 May 67Type of well drilled
(dug, driven, bored or
drilled)Equipment Used rotary
(Churn, drill, rotary or
other)Water Use: Domestic ☐
Industrial ☐Municipal ☐
Drainage ☐Other ☐
Stock ☒Irrigation ☐

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)
<u>6 3/4"</u>	<u>5" 10 15 lb per ft</u>	<u>0</u>	<u>260</u>			



NE 1/4 Sec. 4 T. 18 R. 60

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 140 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 180 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested boiler 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) open hole

260 - 280'
2191
Driller's License Number

Howell 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.

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.

42,120

70547

Notice of *Quadrant*
Completion of *Gravel*
Appropriation by *Henry of Hill*
Carl K. Kustman

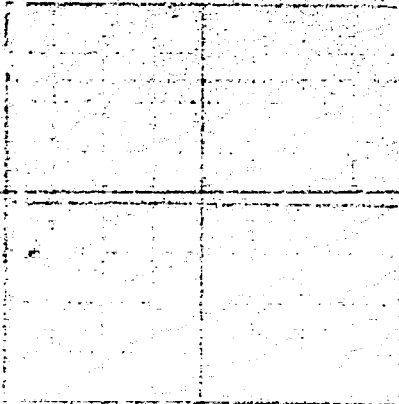
To
Public

WILDAUX COUNTY, MONTANA

FILED
July 6, 1967
3:35 PM

Remue Remindful

Jan Smith
7u 200



Notice of Completion of Appropriation by Henry of Hill
Carl K. Kustman
To Public
Wildaux County, Montana
Filed July 6, 1967
3:35 PM
Remue Remindful
Jan Smith
7u 200

70547

Notice of Completion of Appropriation by Henry of Hill
Carl K. Kustman
To Public
Wildaux County, Montana
Filed July 6, 1967
3:35 PM
Remue Remindful
Jan Smith
7u 200

Notice of Completion of Appropriation by Henry of Hill
Carl K. Kustman
To Public
Wildaux County, Montana
Filed July 6, 1967
3:35 PM
Remue Remindful
Jan Smith
7u 200

Notice of Completion of Appropriation by Henry of Hill
Carl K. Kustman
To Public
Wildaux County, Montana
Filed July 6, 1967
3:35 PM
Remue Remindful
Jan Smith
7u 200

Notice of Completion of Appropriation by Henry of Hill
Carl K. Kustman
To Public
Wildaux County, Montana
Filed July 6, 1967
3:35 PM
Remue Remindful
Jan Smith
7u 200

70547

Notice of Completion of Appropriation by Henry of Hill
Carl K. Kustman
To Public
Wildaux County, Montana
Filed July 6, 1967
3:35 PM
Remue Remindful
Jan Smith
7u 200

Notice of Completion of Appropriation by Henry of Hill
Carl K. Kustman
To Public
Wildaux County, Montana
Filed July 6, 1967
3:35 PM
Remue Remindful
Jan Smith
7u 200

Notice of Completion of Appropriation by Henry of Hill
Carl K. Kustman
To Public
Wildaux County, Montana
Filed July 6, 1967
3:35 PM
Remue Remindful
Jan Smith
7u 200

File No. _____

DUPLICATE

T 18N R 60E
County HibbardSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1963)

STATE ENGINEER

Leon Thomas

(Name of Appropriator)

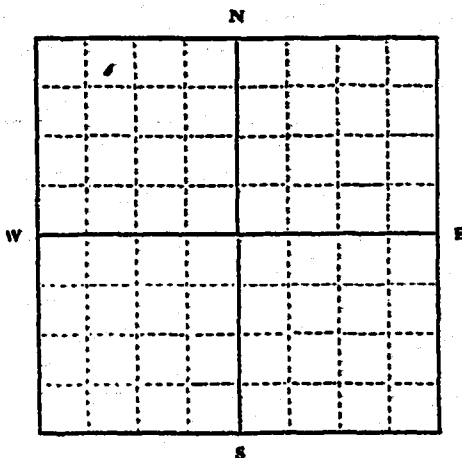
8 Saw Route Sidney Montana

(Address)

(Town)

County of HibbardState of Montana

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

NW 1/4 Sec. 5 T. 18 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 Livestock3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 1, 1956
Used approximately 100 days per year4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1-38+ gallons5. 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
Pump, engine, pipe and cylinder7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 25, 1956 August 1, 19568. The depth of water table 116 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 well with 6 in iron casing10. The estimated amount of groundwater withdrawn each year 200,000 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
No other information availableSignature of Owner Leon ThomasDate December 30, 1963

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

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

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

25260

67459

WIBAUX COUNTY, MONTANA

FILED

Dec 30, 1963

1:05 PM

Genie Sammisfield
Gen 2-10

Clerk of Court

John Smith
Dep.

GW2

File No.

DUPLICATE

T. 18N R. 6E

County

Hibou

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
SEP 24 1967

Notice of Completion of Groundwater
Appropriation by Means of STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

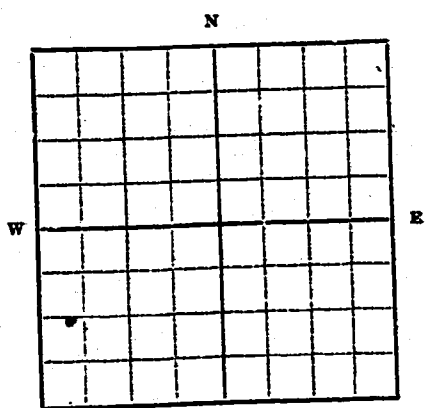
Owner Len Thoma Address Shawn Rader, Sidney, MontDriller David Gulbrua Address Sidney, Mont

Date of Notice of Appropriation of Groundwater

Date well started April, 17, 1967 Date Completed April, 21, 1967Type of well Drilled Equipment Used Churn Drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 1/2"	6" N O.D. 10.50 LB PER FT	0	67	3/8"	58	67



S.W. 1/4 Sec. 6 T. 18 R. 6E

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 58 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 58 feet at 10 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, 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 packed on the outside

Driller's License Number

94
David Gulbrua
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.

2143

66141

FILED

Sept 21, 1962
10:15 a.m.

Bureau Sommerfeld

Acc 200 Ann Smith, Dep.

ADMINISTRATIVE
SERVICES OF
CONGRESSIONAL
COMMISSIONERS

Administrative Services of Congressional Commissioners
The following information was received from the
Office of the Secretary of the House of Representatives
on September 19, 1962, regarding the above
mentioned subject.

DATE	TIME	FROM	TO
9/19/62	10:15 a.m.	Ann Smith, Dep.	Bureau Sommerfeld

File No. _____

T. 10N R. 60E

DUPLICATE

County Wibaux

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)

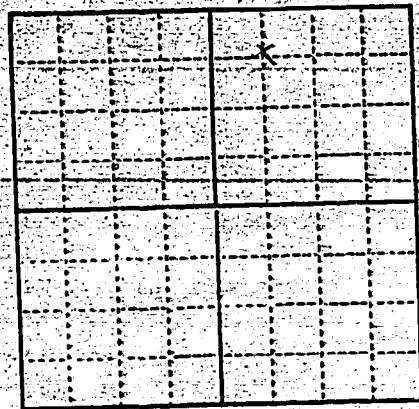
Date of Appropriation of Groundwater 1961Owner Nor. Pac. Ry. Co. Address St. Paul, Minn.

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

Describe means of obtaining groundwater without a well, such as
 sub-irrigation and other natural processes. Include depth to
 water when applicable. Spring, used since 1911.



10N 60E 1/4 Sec. 7 T. 10N R. 60E

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 Spring flows
5 gallons per minute.

Northern Pacific Railway Company

Signature of Owner By J. H. [Signature]
Dist. Supervisor, Gravel & Soil.

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.

