

67322

WIBAUX COUNTY, MONTANA

FILED

Dec 26, 1963
10:30 AM.
Bernard [Signature]
County Clerk

22

File No. _____

T. 12 N. R. 61 E

DUPLICATE

County Wibaux

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

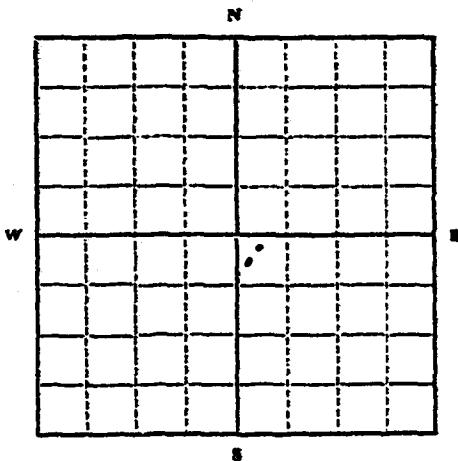
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Leonard L. Sarty 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:



SE 1/4 Sec 32 T. 12 R. 61

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910 and 1947
Continuously since wells were drilled

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 gallons per minute and 15 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 except garden and lawn
None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal one well
uses cylinder and pump jack. Other well
uses jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1910 approximate date of first well and 1947
of last well

8. The depth of water table 100 ft. first well 110 ft. second well

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater both wells are drilled wells
using iron casing and are both 6 inch holes 100 ft
and 110 ft depth

10. The estimated amount of groundwater withdrawn each year 25,000 gallons and 40,000 gallons
from both wells

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

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 unable

Signature of Owner Leonard L. Sarty
Date 4/19/63

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.

11973

67291

WIBAUX COUNTY, MONTANA

FILED

November 19, 1909
2:05 P. M.
D. J. ...
352.00
County Clerk

100 ft ...
...

67291

67291

...

...

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 Hendel Grutter
Address Selma H. 19
Date well started 20 March 73
completed 20 March 73

For Administrator's Use	
File	<u>75056</u>
Date	<u>April 18, 1973</u>
Time	<u>10:00 A.M.</u>

Type of well drilled
(Aug. driven, bored or drilled)
Equipment used rotary
(Cutter drill, rotary or other)

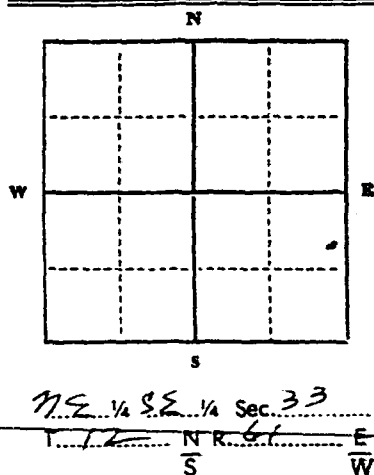
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

*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 (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
<u>8"</u>	<u>5" 10 lb plastic</u>	<u>0</u>	<u>60</u>	<u>slot 1/8"</u>	<u>40</u>	<u>60</u>



Static water level 10 ft.*
Pumping water level 40 ft.*
at 10 gallons per minute,
measured 30 minutes after pumping began.
*Measured from ground level
Well developed by back
for 1 hours.
Power elec Pump sub HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) sub outside casing

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 (Foot)	To (Foot)	
<u>0</u>	<u>20</u>	<u>red soil</u>
<u>20</u>	<u>23</u>	<u>red</u>
<u>23</u>	<u>60</u>	<u>white sand</u>

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

Driller's Signature Harold Goodale
Driller's Address Wibaux

LICENSE NO. 91

Show exact depth of bottom

75056

Completion of Water Bill
Hendell Hatler
to
Public

WYBARK COUNTY, MONTANA

FILED

Apr 18, 1973

10:00 A.M.
~~Bernice [unclear]~~

Jane E. Darden, Deputy
Dec 7 2003

File No.

T. 11 N. R. 57 E

DUPLICATE

County. MEAD

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

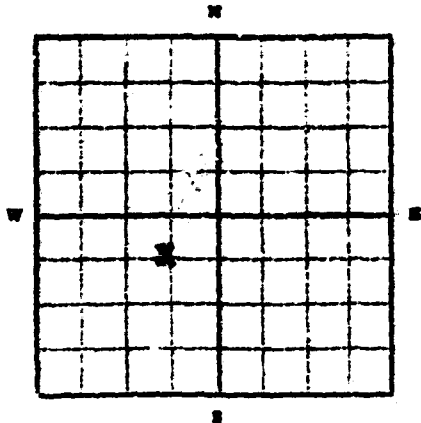
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Arthur McNeary, of Lawry,
(Name of Appropriator) (Address) (Town)

County of Ouster State of Montana

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



2. The beneficial use on which the claim is based stock water wells

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 9/22/47 - used continuously since then.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NOT APPLICABLE.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill at approximate center of N. 50', as indicated.

Sec. 7, T. 11, R. 57

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

770

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater drilling commenced approximately 9/15/47, completed 9/22/47

8. The depth of water table water level 110 feet from surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 190 feet deep, cased with four inch casing.

10. The estimated amount of groundwater withdrawn each year 400000 gallons withdrawn per year.

11. The log of formations encountered in the drilling of each well if available 0 - 12 feet scoria; 12 - 127 feet gumbo; 127 - 190 feet sand.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record there is 12 feet of six inch casing casing at surface through the scoria.

Signature of Owner Arthur McNeary

Date Dec. 31, 1962

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

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

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

3446

66486

Declaration of Vested
Groundwater Rights

Arthur McNamey
- to -

Public

WIBAUX COUNTY, MONTANA

FILED

Jan. 20 1963

By: 30 1963

Bernard [Signature]
County Clerk

Nov 2 1963

RECORDS SECTION
WIBAUX COUNTY, MONTANA
1963

File No.
DUPLICATE

T 11 N 57 E 17

County Wibaux

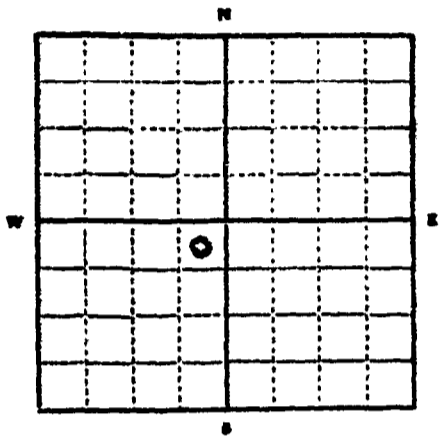
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ok O. Sateron Estate of Sumner (Town)
(Name of Appropriator) (Address)
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 17 T 11 R 57

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 limestone
and Shell Oil Co.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 8/20/56

4. The amount of groundwater claimed (in miner's inches or gallons per minute) flows 1 1/2 g. P.M.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 8/16/56 8/22/56

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 360 ft deep 230 ft 4" casing
20 ft 9" casing
80 ft Perforation

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available 0-280 gumbo
280-360 sand

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

Information recorded by Shell Oil Co.

Signature of Owner By Palmer H. Habbe
Date 1/2/63

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.

67594

WIPAWA COUNTY, OREGON

FILED

DEC 31, 1963

11:36 AM

Bernice Tommy

County Clerk

Smith

70200

File No.

DUPLICATE

T 11 N R 57 17

County Wilbur

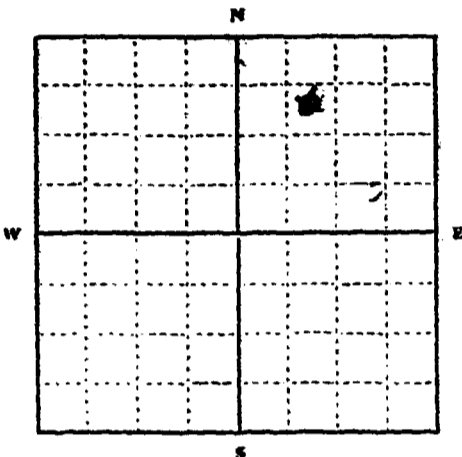
RECEIVED
JAN 6 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Old Seteron Estate, of Janney
(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:



NE 1/4 Sec 17 T. 11 R. 57

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
June 20, 1947 1944

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
June 19, 1947 to June 20, 1947

8. The depth of water table 140 feet 166 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.
Pump Well 166 feet deep cased with 150 feet 1 1/2 inch steel casing also 1040 feet 1 1/4 pipe and cylinder, 40 ft perforation

10. The estimated amount of groundwater withdrawn each year 18,000 gals.

11. The log of formations encountered in the drilling of each well if available.
not available
0-127 ft Gumbo - 127-166 sand

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

Signature of Owner ESTATE OF Old O. Seteron
Palma M. Noble Adm
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.

25396

67595

WIRAHU COUNTY, IOWA

FILED

Dec 31, 1963

11:36 AM

Deanna Samuels

J. Smith

clerk

7020

[Faint, mostly illegible handwritten notes and stamps on the left side of the page]

Water well # 1

T _____ R _____
County Wibaux

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Texas Natural Gasoline Corporation 800 Enterprise Bldg
Falsa, Oklahoma
 Driller Ira C. Bond Address Ferry, Montana
 Date Started November 1956 Date Completed November 1956
 Location: Sec. 17 T. 11N R. 57E ¼ sec.

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

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

Casing: Surface ft. to 202 ft. Type steel Size 8"

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

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

Perforated or Screened: Ft. 104 to ft. 134 Ft. 166 to ft. 191

Type of screen or perforations Burned holes 9 rows of 5/16 "

Static Water level, for non-flowing well: Water raises to within 50 feet of the Surface

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

Pumping water level No draw down feet at 25 gal. per min.

How tested: with bailer test

Length of test 8 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
This well had black water in it.

(over)

Water Well #4

T _____ R _____

County Wibaux

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Texas Natural Gasoline Corporation Address 800 Enterprise Bldg
Tulsa, Oklahoma

Driller Ira C. Bond Address Terry, Montana

Date Started December 13, 1957 Date Completed December 27, 57

Location: Sec. 17 T. 11N R. 57E 1/4 sec.

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

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

Casing: Surface ft. to 248 ft. Type Steel Size 8 5/8 OD

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

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

Perforated or Screened: Ft. 158 to ft. 180 Ft. and 208 to ft. 227

Type of screen or perforations Burred holes 2 rows of 5/16 " holes

Static Water level, for non-flowing well: raises 100 feet from bottom of well feet.

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

Pumping water level 72 feet at 25 gal. per min.

How tested: Bailer test

Length of test: 5 hours

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

RECEIVED
STATE ENGINEER

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	10	sandy yellow clay
10	24	sand and gravel
24	39	yellow clay
39	46	black gumbo
46	125	blue clay
125	170	black gumbo
170	178	black water sand
178	180	coal
180	195	black gumbo
195	210	gumbo
210	225	light colored water sand
225	248	gumbo

(32559)

Water Well Log

Texas Natural Gasoline Corp.

Co

Public

Filed: April 8, 1959

3:15 P. M.

Fee: 50c

James H. ...
County Clerk & Recorder

RECEIVED

STATE ENGINEER

Water Well #2

T. _____ R. _____
County Wibaux

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Texas Natural Gasoline Corporation Enterprise Bldg
Tulsa, Oklahoma
 Driller Ira C. Bond Terry, Montana
 Date Started November 1956 Date Completed November 1956
 Location: Sec. 17 T. 11N R. 2E ¼ sec

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing: Surface ft. to 186 ft. Type 6 & 5/8 OD Size Steel

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

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

Perforated or Screened: Ft. 118 to ft. 148 Ft. _____ to ft. _____

Type of screen or perforations burned hole 6 rows 5/16" holes

Static Water level, for non-flowing well: water rose to 60 from top feet.

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

Pumping water level 100 feet from top feet at 25 gal. per min.

How tested: bailertest

Length of test 8 hours

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

(over)

Water well #3

T. _____ R. _____

County Liberty

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Enterprise 214g
Texas Natural Gasline Corporation Address Tulsa, Oklahoma

Driller Ira C. Bond Address Terry, Montana

Date Started December 1956 Date Completed December 1956

Location: Sec. 17 T. 11N R. S2E 1/4 sec.

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

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

Casing: Surface ft. to 15 ft. Type Steel Size 8 & 5/8 in

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

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

Perforated or Screened: Ft. 158 to ft. 169 Ft. 169 to ft. 196

Type of screen or perforations Burred holes 9 rows of 5/16" holes

Static Water level, for non-flowing well: 100 feet from bottom of well feet.

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

Pumping water level 72 feet at 25 gal. per min.

How tested: boiler test

Length of test: 7 hours

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	10	sand yellow clay
10	20	gravel with a little water
20	30	black gumbo
30	40	rock
40	50	gumbo
50	60	rock
60	70	water sand
70	80	rock
80	90	gumbo
90	100	black water sand
100	110	gumbo

62560

Water Well Log
Texas Natural Gasoline Corp.

to

Public

Filed: April 8, 1959
3:15 P. M.

Fee: \$04

[Signature]
County Clerk & Recorder

RECEIVED

STATE ENGINEER

RECEIVED
DEC 17 1957

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

T. 11 R. 57
County Wibaux, Montana

X		

Owner E. E. McNaley Address Marsh, Montana
Driller George F. Askin Address Miles City, Montana
Date Started Date Completed 1/13/48
Location: Sec. 21 T. 11 R. 57 1/4 sec. S.W.

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: 21 1/2" ft. to 122 1/4" ft. Type _____ Size _____

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

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

Perforated or Screened: Ft. 63' to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations Perforated 4" pipe

Static Water level, for non-flowing well: _____ 90 feet.

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

Pumping water level 40 feet at 60 gal. per min. 6

How tested: 9-gallon-bailer

Length of test 1 hour

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

(over)

File No. _____

B. 11N F. 57E

Original _____

County WIBAUD

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 14 1962

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Sessions Laws 1961) STATE ENGINEER

1. Shell Oil Company of P. O. Box 2547 Billings
(Name of Appropriator) (Address) (Town)

County of Yellowstone State of Montana

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

Section 21
2
Indicate point of appropriation and place of use, if possible. Each small square represents 40 acres.

2. The beneficial use on which the claim is based Industrial
3. Date of appropriation and of earliest beneficial use; and now for what use the use has been August 1954
Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gal/min
5. If used for irrigation give the acreage and description of the lands to which water has been applied and name of owner thereof
Not Applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Motor driven pump
7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of ground water Aug 1954 started. Comp. Aug 1954
8. The depth of water table 150'
9. So far as it may be available, the type, size and depth of each well or the general specification of any other works for the withdrawal of groundwater
in 1230 6-5/8" csg at 625 - Perfs 320-360 and 480-620
10. The estimated amount of groundwater withdrawn each year 725,000 bbls
11. The log or formations encountered in the drilling of each well if available
Formation logs not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act indicating reference to book and page of any county record

Signature of Owner A. J. Jones
Shell Oil Company
Date February 5, 1962

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

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

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

STATE OF MONTANA
County of Yellowstone } ss

A. T. Iresen having first been duly sworn, depose^s
and say^s that he is of lawful age and is the appropriator
for Shell Oil Co. and claimant of the order and water right mentioned
in the foregoing declaration of vested groundwater rights and the person
whose name is subscribed hereto, as the appropriate person
and claimant that he know^s that the
contents of said foregoing notice and that the matters and things therein stated
as true.

Subscribed and sworn to before me, this 5th day of February 1962

Margaret W. Haag
Notary Public for the State of Montana

Residing at Billings, Montana

My Commission expires March 30 1962

65463

Shell Oil Company
to
Public

WYAND COUNTY, MONTANA
FILED
FEB 13, 1962
8:15 A.M.
Russell D. ...
County Clerk
FEE: \$1.00

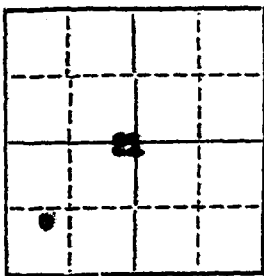
RECEIVED
AUG 17 1959

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T 11 N R 57 E
County WIDNER

STATE ENGINEER

WATER WELL LOG



Owner SHELL OIL COMPANY Address P. O. Box 2507 Billings, Montana
Driller W. L. Livingston Address Winnett, Montana
Date Started August, 1954 Date Completed August, 1954
Location: Sec. 21 T. 11 N R. 57 E $\frac{1}{4}$ sec. Southwest

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 625 ft. Type _____ Size 6-5/8

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

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

Perforated or Screened: Ft. 300 to ft. 360 Ft. 480 to ft. 620

Type of screen or perforations Torch perforated

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

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

Pumping water level 70 feet at 126 gal. per min.

How tested: Ballad

Length of test: 10 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Saker basket set at 305'

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	220	Light grey clayey shale, sand and streaks of coal
220	250	Green and grey clayey shale
250	260	Hard sand
260	270	Medium hard sand
270	330	Grey and green and brown shale
330	350	Sand partly hard
350	360	Medium hard sand
360	500	Grey shale
500	540	Sand; some shale and a little silty
540	578	Shale and sand
578	580	Hard shell
580	593	Soft sand (drilled 2' per min)
593	600	Sandy shale
600	610	Soft muddy, silty sand
610	640	Grey and green shale; some sand and coal
640	710	Soft tan clay; green and dark shale; bentonite
710	920	Dark shale; some brown lime shells
920	930	Hard sand, quartz and shale
930	950	Sandy shale
950	960	Shale and lime shells; some hard sand streaks
960	1230	Dark shale; some lime shells

St. G. M.
Aug. 14, 1957
1210
Thomas D. ...
 [Stamp: ...]

(30030)

T 11 R 58

County WIBAUX

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

RECEIVED

STATE ENGINEER

		X

Owner Art Peters Address Wibaux, Montana

Driller Russel Chrest Address Glendive, Montana

Date Started August 2, 1961 Date Completed August 10, 1961

Location: Sec 2 T 11 R 58 1/4 sec SE

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 170 ft. Type _____ Size _____

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

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

Perforated or Screened: Ft. 148 to ft. 170 Ft. _____ to ft. _____

Type of screen or perforations _____

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

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

Pumping water level 147 feet at 8 gal. per min. one minute

How tested: _____ bailer

Length of test Two hours

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	10	Topsoil and sand
10	36	gray shale
36	54	brown sand
54	59	Rock
59	77	sand
77	78	Rock
78	117	gray sand
117	129	gray shale
129	135	brown shale
135	145	gray shale
145	172	gray sand (water bearing)
172		gray shale

64056

WATER WELL LOG
ART PETERS
CD
PUBLIC

WIBAX COUNTY, MINN.
FILED
AUG. 11, 1961
4:15 P. M.

Fee: \$1.00

[Signature]
County Clerk

File No. _____

T. 11 N R 58 E

DUPLICATE

County Wibaux

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

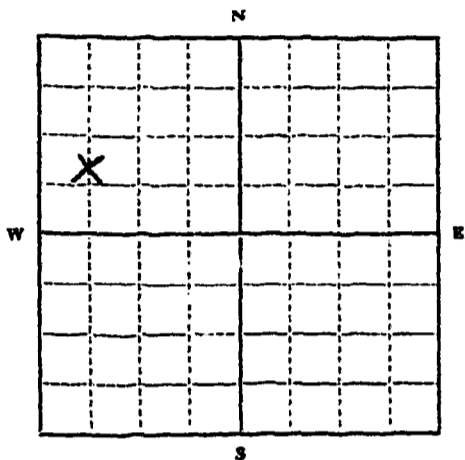
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Tunley Bros. of Plena
(Name of Appropriator) (Address) (Town)
County of Fallon State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 of Sec. 20 T. 11. 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 stockwater

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

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

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. The well was completed in about 1954 and a windmill was put up in about 1960

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

There is no available information on this well

10. The estimated amount of groundwater withdrawn each year 2,500,000 gal.

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

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

Signature of Owner Tunley Bros. by Ralph E. Tunley
Date Dec 27, 1963

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

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

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

25237

67428

WYANDOT COUNTY, MONTANA

FILED

Dec 30, 1963
8:15 P.M.
Clyde Tommich
County Clerk
J. S. Smith
clerk

100-4-50-28

GROUNDWATER INDEX

County WISBAUR

Twp. 11N

Rge. 59E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
9	LUTTS, GULNAPE	GW4	139113	
1	BRUNGARD, OSCAR		65732	
1	BRUNGARD, OSCAR		65731	
3	LUTTS, RE ESTATE		67289	
	LUTTS, R.R. ADM.		67289	
4	PETERS, ART		72153	
12	BRUNGARD, OSCAR		65733	
14	QUALE, TOM		671607	
20	LARSEN, ROSE J		69189	
22	EFTA, TONY R	GW3	671605	
22	EFTA, TONY R		671604	
22	QUADE, WM.	GW4	67364	
23	EFTA, JOHN		67439	
23	EFTA, LEO	GW2	72891	
23	EFTA, STANLEY	GW4	67464	
24	NELSON, STANLEY A		67354	
25	ABRAMS, HUBERT	GW1	67295	
26	LARSON, NELLIE A	GW1	67609	
27	LARSON, NELLIE A		67610	
28	NELSON, STANLEY A		67353	
29	NELSON, STANLEY A		67355	
33	LARSON, VIRGIL D		67611	
35	LUTTS, R.F. ESTATE		67286	
	LUTTS, R.R. ADM.		67286	
9	LUTTS, GULNAPE	GW4	139113	

filed
in wrong
CO.

T. 11N R. 59E
County Fallon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

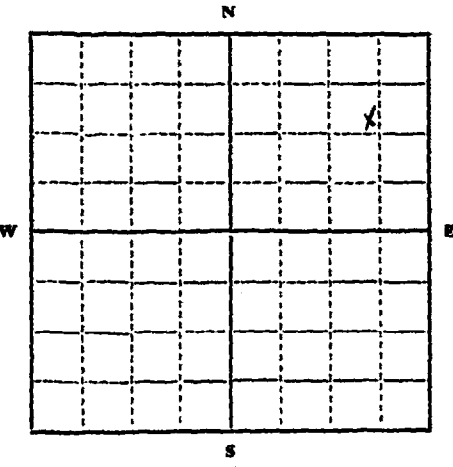
RECEIVED
DEC 23 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Gulnare Lutts, of Carlisle
(Name of Appropriator) (Address) (Town)
County of Fallon State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 9 T. 11 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 livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1951; continuous to date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal windmill at well site
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well completed 1951
8. The depth of water table 22' from surface
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater well 26', 24" casing, cemented, windmill 24' tower with 8' head
10. The estimated amount of groundwater withdrawn each year 777,600 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 hard water

Signature of Owner Gulnare Lutts
Date December 18, 1963

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

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

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

139113

FILED
at 9:15 O'clock AM.
DEC 20 1963
M. Stevens
County Clerk & Recorder
Deputy

File No. _____

T **11** N **59** E

DUPLICATE

County **Wibaux**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

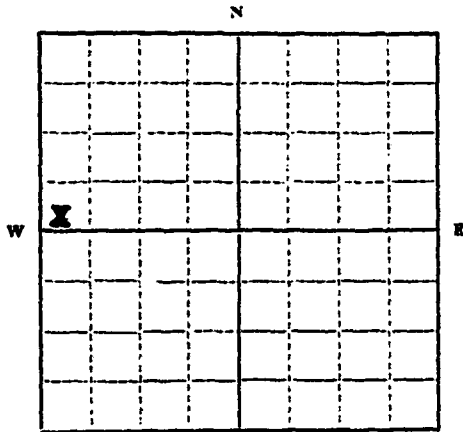
RECEIVED
AUG 18 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, **Oscar Brungard** 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 1 T 11 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... **None use**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... **September 1945, continuous 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

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... **September 1945**

8. The depth of water table... **11 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... **15' deep - 12" inside diameter, clay curbing**

10. The estimated amount of groundwater withdrawn each year... **24,000 gallons**

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

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

Signature of Owner *Oscar Brungard*
Date **4-17-1962**

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.

65732

Vested Groundwater Rights

Oscar Brungard

to

Public

COUNTY, MISSISSIPPI

FILED

Permie L. L. L.

County Clerk

File No. _____

T **11** N R **59**

DUPLICATE

County **Wibaux**

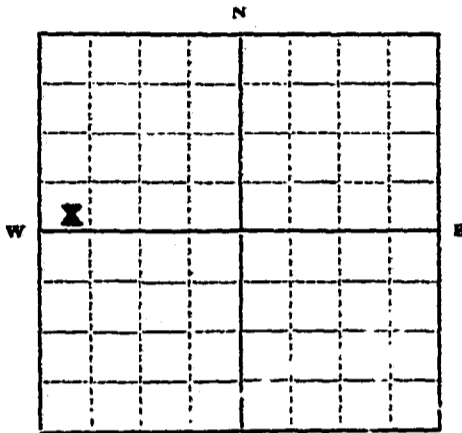
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 18 1962

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

STATE ENGINEER

1. **Cesar Brungard** 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. 1** T. **11** 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 well**
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1930, continuous use**
- 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
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **pump and drain pipe**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **1930**

8. The depth of water table **3 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 **7' deep 5' diameter, concrete lined**

10. The estimated amount of groundwater withdrawn each year **860,000 gallons**

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

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

Signature of Owner **Cesar Brungard**
Date **4-17-1962**

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.

65731

Vested Groundwater Rights

Oscar Brungard

to

Public

WIBAUX COUNTY, MONTANA

FILED

Apr. 17, 1962

1:10 P.M.

Bernice J. Samuel
County Clerk

Fee: \$1.00

File No.

T. 11 N. R. 59 E

DUPLICATE

County *Wibaux*

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

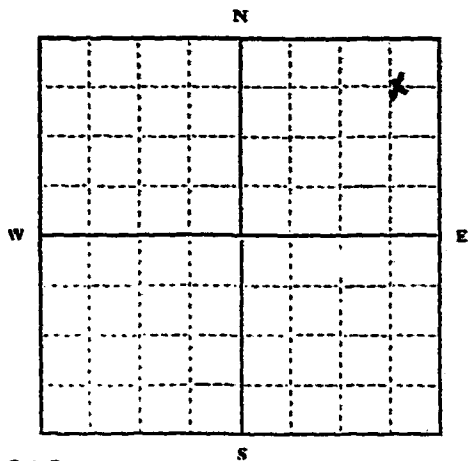
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

R. J. Latta Estate; R. R. Latta Adm. of *Gayle*
(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 3 T. 11. 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 *Stockwater*

3. Date or approximate date of earliest beneficial use; and how continuous the use has been *1952*

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *1952*

8. The depth of water table *172 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 *185 feet deep 8 inch steel casing*

10. The estimated amount of groundwater withdrawn each year *518,400 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 *none*

R. J. Latta Estate
Signature of Owner *R. R. Latta Adm.*

Date *Dec 18, 1963*

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

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

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

11971

67289

WIBAUX COUNTY, MONTANA

FILED

December 15, 1963
5:00 P.M.
Bertus Schaeffer
County Clerk
Fee \$2.00

100

100

100

100

100

100

100

100

100

100

File No. _____

RECEIVED

T. 11 R. 59

DUPLICATE

SEP. 8 1969

County Wibaux

LOG _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level _____)

0-3 fill
80-90 rock
98-99 rock
125-130 rock
225-230 rock
385-386 rock
483-485 rock
510-511 rock
527-528 rock
600-720 sand

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Art Ostrom Address Wibaux

Driller H.D. Swoboda Address Wibaux

Date of Notice of appropriation of groundwater _____

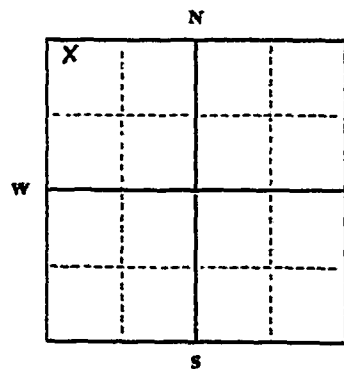
Date well started 8 July 69 Date completed 17 July 69

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 3/4"</u>	<u>5" ID 13 lb/ft</u>	<u>0</u>	<u>600</u>	<u>NONE</u>		



Static Water Level for non-flowing well 400 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 570 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested pump

Length of Test 24 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff) gravel pack 600 to 720

1/4 Sec. T. R.
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.

91
Driller's License Number

Harold Swoboda
Driller's Signature.

45611

MONTANA WATER RESOURCES BOARD
Groundwater Division
Mitchell Building
Helena, Montana 59601

MONTANA WATER RESOURCES BOARD
RECEIVED

JAN 20 1970

Recently a copy of a groundwater appropriation form,

- GW 1, Notice of Appropriation of Groundwater
- GW 2, Notice of Completion of Groundwater Appropriation by means of Well
- GW 3, Notice of Completion of Groundwater Appropriation without Well
- GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

OWNER Art Peters

ADDRESS Wibaux, Montana

LOCATION T. 11N, R. 59E, sec.

DOCUMENT NO. 72153

The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

The form is incomplete. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please indicate the Section of your well location.

Other.

County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.

Douglas E. Smith

number of acres and location or other data (i.e. Bot. Block and Well location).

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.

91
Driller's License Number

Harold Sordahl
Driller's Signature.

45611

RECEIVED

T. 11 R. 57

SEP 8 1969

County Wibaux

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground RECEIVED

(Elev. above sea level JAN 20 1970)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0-3 fill
80-90 rock
98-99 rock
125-130 rock
225-230 rock
385-386 rock
483-485 rock
50-511 rock
527-528 rock
600-720 sand

Owner Art Oster Address Wibaux

Driller H D Goodale Address Wibaux

Date of Notice of appropriation of groundwater

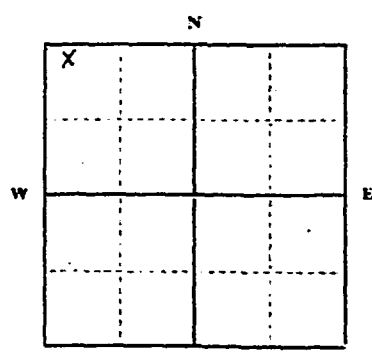
Date well started 8 July 69 Date completed 17 July 69

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/4"	5" ID 15 lb/ft	0	600	NONE		



Static Water Level for non-flowing well 400 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 570 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested pump

Length of Test 24 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff) Gravel pack 600 to 720

4 11
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.

91
Driller's License Number
Harold Goodale
Driller's Signature

45611

File No. _____

T. 11 N R. 59 3 12

DUPLICATE

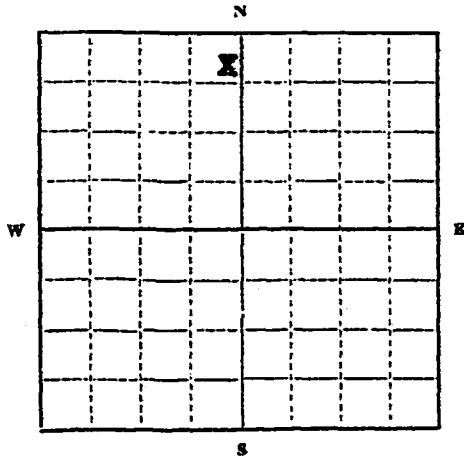
County Wibaux

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 18 1962

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

I, Oscar Brungard, 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. 12 T. 11 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 Watering livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 4, 1961 continuous since that date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 9 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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater March 26, 1961 - complete April 3, 1961

8. The depth of water table 51 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 Water well, 51' deep, 18" hole with casing set to a 13" hole

10. The estimated amount of groundwater withdrawn each year 125,000 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

Oscar Brungard
Signature of Owner **OSCAR BRUNGARD**
Date 4-17-1962

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.

65733

Rested Groundwater Rights
OSCAR BRUNGARD
to
Public

WIBAUX COUNTY, MONTANA

FILED

Apr. 17, 1962
1:02 P.M.

Barbara L. ...
County Clerk

Fee: 81.00

File No. _____

T. 11N R. 59E
County WIBAUX

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

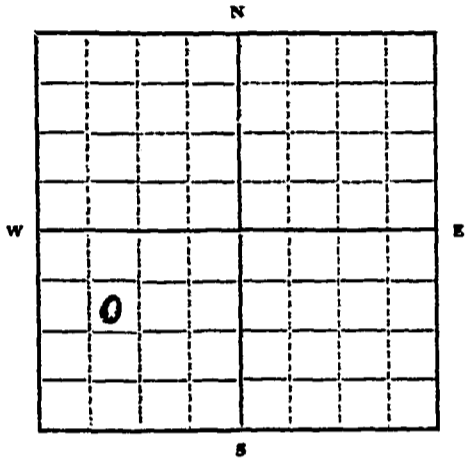
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER Q

1. TOM OUALE, 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:



1/4 Sec. 14 T. 11 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 LIVESTOCK HOME USE
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been CONTINUOUS SINCE 1912
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) FIVE 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 AND SELF FLOWING
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater REPAIRED IN 1960
- 8. The depth of water table 7 FEET
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
NINE FEET DEPT 3 1/2 FEET SQUARE WOOD CURBING
- 10. The estimated amount of groundwater withdrawn each year 182500 GALS A YEAR
- 11. The log of formations encountered in the drilling of each well if available
UNKNOWN
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
NONE

Signature of Owner

Tom Ouale

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.

25407

67606

WISLAU COUNTY, MONTANA

FILED

DEC 31, 1963
1:15 PM

Bernice Sammel

Jens Smith

Fee 2.00

NOPE

NAKAMA

VIVE VEEL

SA VEEL

J VEEL

RECORDED IN 1960

FOUND AND SET

FLOWING

File No.

T. P1 R 57E 20
County Wibaux

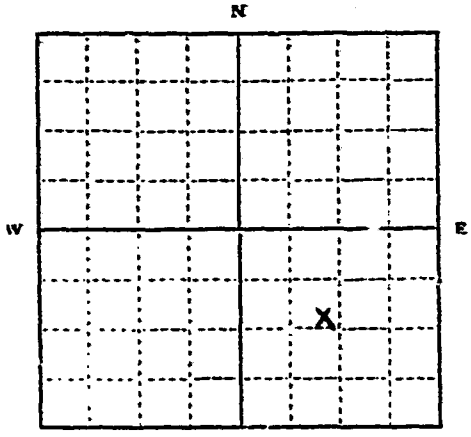
DUPLICATE

REFERRED TO STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Rose J. Larsen, et al, 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:



- The beneficial use on which the claim is based Stock
Watering
- Date or approximate date of earliest beneficial use; and how continuous the use has been App. 1925
Used continuously
- The amount of groundwater claimed (in miner's inches or gallons per minute) App. 8 to 10 gallons
per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Cylinder type pump
- The date of commencement and completion of the construction of the well, well's, or other works for withdrawal of groundwater Unknown
- The depth of water table 25 ft.
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater No other well
- The estimated amount of groundwater withdrawn each year Water for about 100 head
of cattle.
- The log of formations encountered in the drilling of each well if available Unknown
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

SE 1/4 Sec 20 T11 R57
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

Signature of Owner Rose J. Larsen
Date August 3, 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 Quaduplicate for the Appropriator.

69189

*Declaration of Vesting
of Mineral Rights
Rose J. Larsen, et al.
to
Public*

MUSKIE COUNTY, MONTANA

FILED

*Aug 3, 1965
19:00:00*

*Dennis J. [unclear]
County Clerk
Jane Smith
clerk*

Fee 2.00

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—18496

File No.

T 11 N R 5 E

DUPLICATE

County W I B A U X

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

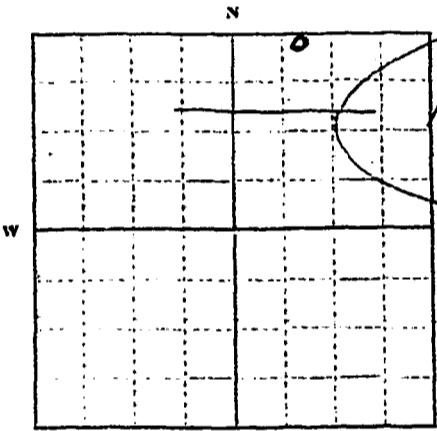
RECEIVED
JAN 6 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Nov. 1954
Owner TONY R EFTA Address CARLYLE
Contractor (if any) BOB LEY
Address of Contractor W I B A U X M O N T A N A
Date Started NOV 1 1954 Date Completed NOV 15 1954



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

NATURAL RUNOFF FILLS DAM
SW

10 FEET DEEP WHEN FULL

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

estimate approximate lengths of periods of use

1/4 Sec. 22 T. 11 R. 5E
Indicate point of appropriation and place of use, if possible. USED TO WATER LIVESTOCK
YEAR AROUND

Signature of Owner

Tony R Efta

Date Dec 21, 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.

25456

67605

WISLAUX COUNTY, MONTANA

FILED

Dec 31, 1963
1:30 pm

Samuel Sammis

Clerk

Sam Smith
Clerk

Feb 2 '64

File No.

DUPLICATE

T. 11 N. R. 59 E. 22
WIBAUX
RECEIVED
JAN 6 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

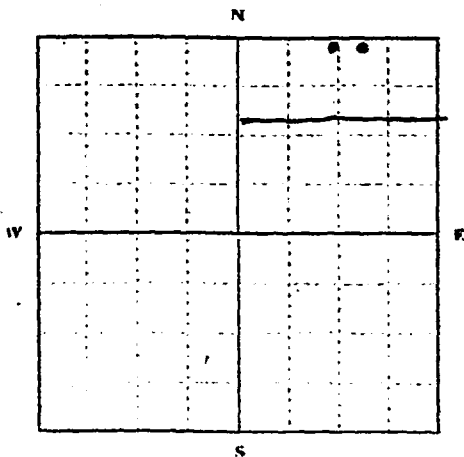
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. TONY REFTA of CARLYLE
(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:



1/4 Sec. 22 T. 11 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 LIVESTOCK HOME USE
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910 CONTINUOUS
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 GALS PER MINUTE AND 3 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 HAND PUMP AND PRESSURE PUMP

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1910 AND 1954
- 8. The depth of water table 7 FEET AND 20 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 16 FEET DEEP 3 1/2 SQUARE WOOD CURBING
45 FEET DEEP 8 INCH METAL CURBING
- 10. The estimated amount of groundwater withdrawn each year 182 500 GALS YEARLY
- 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

Tony R Refta
Date Dec 31, 1963

Two 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.

25405

67604

WISAIIX COUNTY, MONTANA

FILED

Dec 31, 1963
1:10 PM

Gene Sammis
County Clerk

Jan Smith
559

Dec 30

File No.

T. 11 N. R. 59 E

DUPLICATE

County Wibaux

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

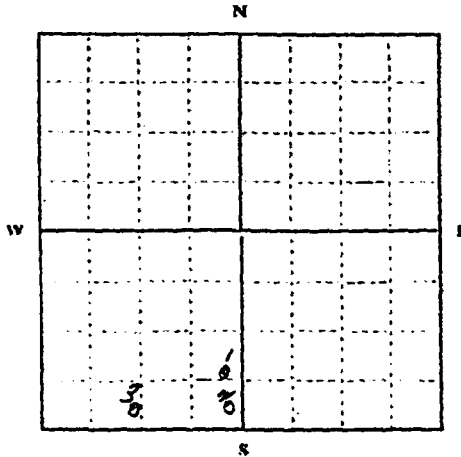
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Wm Quale, of Wibaux,
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 2 T. 11. R. 59

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

- The beneficial use on which the claim is based
1. Home and Livestock
2. Livestock
3. Water supply for school
- Date or approximate date of earliest beneficial use; and how continuous the use has been
1. 1946 continuous to 1960 limited after 1960
2. 1909 continuous to 1960
3. 1955 continuous to 1955
- The amount of groundwater claimed (in miner's inches or gallons per minute)
1. Four gallons per min.
2. four gallons per min.
3. four gallons per min.
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
None used for irrigation
NO 1 used for sprinkling yard and garden 1/2 acre
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
NO 1 jet pump
NO 2 Cylinder Pump
NO 3 Submerged electric pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
NO 1 June 1946 completed in one week
NO 2 Aug. 1958 - completed in two days
NO 3 Aug 1956 completed in two weeks
- The depth of water table
NO 1 - 40 ft NO 2 - 15 ft NO 3 - 260 ft.
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
NO 1 Drilled - 5" casing - depth 70 ft
NO 2 Carger - 18" cement casing 14" - depth 30 ft
NO 3 Drilled 4" casing - depth 270 ft.
- The estimated amount of groundwater withdrawn each year
NO 1 - 150 000 gal
NO 2 - 100 000 gal
NO 3 - 20 000 gal
- The log of formations encountered in the drilling of each well if available
NO 1. Clay 38 ft Coal 4 ft Clay 28 ft
NO 2. Clay 12 ft Coal 5 ft Clay 13 ft
NO 3 Not available
- 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

Wm Quale

Date Dec 26 1963

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

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

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

25175

67364

SHARON COUNTY, MISSISSIPPI
FILED

Dec. 27 1963

10:00 A.M.

Bernie Lemmerfeld

Dec. 27

GW

Approved Stock Form—State Publishing Co., Helena, Montana 57234

File No. _____

T. 11 N R. 54

DUPLICATE

County Beauregard
RECEIVED
JAN 6 1964

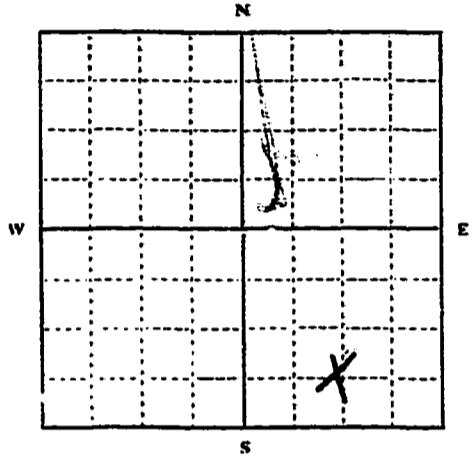
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER E

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, John Efta, of Beach,
(Name of Appropriator) (Address) (Town)
County of Golden Valley State of North Dakota
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec 23 T. 11 R. 54

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

- The beneficial use on which the claim is based
Handheld Livestock
- Date or approximate date of earliest beneficial use; and how continuous the use has been
Approx 1909
Continuous use
- The amount of groundwater claimed (in miner's inches or gallons per minute)
200 gal
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
None
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Hand pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1909
- The depth of water table
25 ft
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
3 ft of wood casing
- The estimated amount of groundwater withdrawn each year
Watering 75 head cattle
- The log of formations encountered in the drilling of each well if available
Not available
- 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 John Efta
Date Dec. 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please answer all questions. If not applicable, so state. otherwise the form will be returned.

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

25242

67439

WIBAUX COUNTY, MONTANA

FILED

Dec 30, 1963
10:25 A.M.

Bernie Sammel
County Clerk

Dec 20

James Smith
Sgt.

JUL 24 1970

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.

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 Geo Lpta
Address Wibaux
Date well started 15 June 70
completed 19 June 70
Type of well drilled
Equipment used rotary
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Garden/Lawn

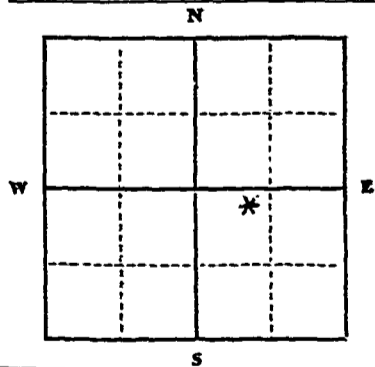
For Administrator's Use
File 72891
July 23, 1970
3:00 p.m.
GW 1

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
0	30
30	70
70	100
100	125
125	135
135	200
200	212
212	416
416	417
417	450
450	457
457	560
560	620

*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 Casings	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 3/4"</u>	<u>5" I.D. 15 lb/ft</u>	<u>0</u>	<u>540</u>	<u>NONE</u>		



Static water level 400 ft.*
Pumping water level 450 ft.*
at 15 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by surf
for 4.8 hours.
Power etc Pump 1 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) surf 540-620 ft

NW 1/4 SE 1/4 Sec. 23
T. 11 N. R. 59 E.
S W

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

Driller's Signature Arnold Goodale
Driller's Address Wibaux

LICENSE NO. 91

Show exact depth of bottom

46716

RECORDED AND INDEXED

FILED

WIBaux COUNTY, MONTANA

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

APPROXIMATELY 1910

WIBaux COUNTY, MONTANA
APPROXIMATELY 1910
FILED
July 23, 1910
Business
Gene A. Bradley, Off
Jan. 1910

Handwritten notes and signatures in the bottom right section of the document.

Handwritten signature or initials in the bottom left corner.