

168223

STATE OF MONTANA,  
MUSSELSHELL COUNTY. } ss.

FILED THIS 27 DAY OF

AT June A. D. 19 63

AT 8:45 O'CLOCK AM

B. H. MATZKE

COUNTY RECORDER

Clair J. Gorman  
DEPUTY

\$ 2.00

DEC 17 1965

Approved Stock Form—State Publishing Co., Helena, Montana 59632

File No. ....

T. LN R. 26 35

DUPLICATE

Blife \_\_\_\_\_ McDermott \_\_\_\_\_  
 Butzerin \_\_\_\_\_ McNulty \_\_\_\_\_  
 Coyle \_\_\_\_\_ Morton \_\_\_\_\_  
 L. O. Carlington \_\_\_\_\_ Sullivan \_\_\_\_\_  
 Dickert \_\_\_\_\_

County Marshall

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)

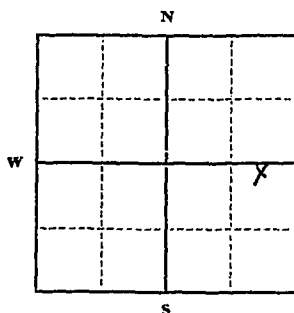
Owner James S. Hake Address Roundup MontDriller Harry McConnell Address Roundup Mont

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

Date well started Aug 7, 1965 Date completed Aug 9, 1965Type 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"	5" I.D.	0	50	1/2" slat	35'	40'

Static Water Level for non-flowing well 30' feet.

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

Pumping Water Level 35' feet  
at 10 gal. per minute.

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

How Tested baileyLength of Test 1 hrRemarks: (Gravel packing, cementing, packers, type of shutoff) none

1/4 Sec 35 T. 26 R. 26  
 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).

livestock

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 43Driller's Signature Harry McConnell

40046

173273

STATE OF MONTANA, (ss.  
MUSSELSHELL COUNTY.)

FILED THIS 16 DAY OF

December A.D. 19 65

AT 11:20 O'CLOCK P.M.

CLAUDE F. FLETCHER  
COUNTY RECORDER

Elaine J. Gorman  
DEPUTY

\*2.00

DEPT. OF REVENUE, STATE OF MONTANA

Form No. 18  
8-60

T. 6N R. 36E  
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
DEC 8 1961

Water Well Log

STATE ENGINEER


Owner Anna Emma Address Bladder Mt  
Driller P. L. Erickson Address Bladder Mt  
Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_  
Location: Sec. 25 T. 6N R. 36E  $\frac{1}{4}$  sec. NE-NE-NE

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

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

Casing: 0 ft. to 20 ft. Type STEEL Size 6"

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 \_\_\_\_\_

Static water level, for non-flowing well: 40 feet.

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

Pumping water level 65 feet at 2 1/2 min. \_\_\_\_\_

How tested: Flow

Length of test 45 Minutes

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

(over)

Form No. 18  
8-60

T. 6N R. 36E  
County MISSOULA

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
DEC 8 1961

STATE ENGINEER

Water Well Log


Owner ANNA EMMES Address READER MINT

Driller P. L. FEATON Address READER MINT

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

Location: Sec. 35 T. 6N R. 36E  $\frac{1}{4}$  sec. NE-NE-NE

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

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

Casing: 0 ft. to 20 ft. Type STEEL Size 6"

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 \_\_\_\_\_

Static water level, for non-flowing well: 40 feet.

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

Pumping water level 65 feet at 2 gal. per min.

How tested: BLIND

Length of test 30 MINUTES

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

Gravel - Packed

(over)

## Log of Well

[illegible]

Form No. 18  
8-60

T. 6N R. 26E

County MT

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
DEC 8 1961

STATE ENGINEER

Water Well Log

X			

Owner RAIPH GILBERT JR Address Butte, Montana

Driller P.H. FERGUSON Address Butte, Montana

Date Started May 1962 Date Completed May 1962

Location: Sec. 36 T. 6N R. 26E  $\frac{1}{4}$  sec. NE 1/4

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

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

Casing: 0 ft. to 16 ft. Type Steel Size 6"

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           

Static water level, for non-flowing well: 45 feet.

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

Pumping water level 70 feet at 2 gal. per min.

How tested:           

Length of test           

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

(over)

Form No. 18  
8-60

T. 6N R. 26E

County Albany

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
DEC 8 1961

STATE ENGINEER

Water Well Log

X			

Owner RALPH GILROY JR Address Butte Montana  
Driller P.H. FENCUSAL Address Butte Montana  
Date Started May 1952 Date Completed May 1952  
Location: Sec. 31 T. 6N R. 26E  $\frac{1}{4}$  sec. NW NW NW

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

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

Casing: 0 ft. to 16 ft. Type STEEL Size 6"

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                                     

Static water level, for non-flowing well: 45 feet.

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

Pumping water level 70 feet at 2 gal. per min.

How tested:           

Length of test 30 Minutes

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

Cemented Packings  
                                      
                                      
                                    

(over)



## Log of Well

[illegible]

## GROUNDWATER INDEX

Page / of

County Musselshell Twp. 6N Rge. 27E

[illegible]

RECEIVED  
JUN 20 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

T. 6 R. 27  
County Musselshell

WATER WELL LOG


Owner Roged P. Kuster Address Shelby, Mont.  
Driller Clyde Sandoz Address 11412 Miles Ave  
Date Started May 25, 1958 Date Completed May 28, 1958  
Location: Sec. 2 T. 6 R. 27 ¼ sec.

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

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

Casing: 0 ft. to 28 ft. Type surface Size 8 in.  
Casing: 0 ft. to 130 ft. Type galv. Size 6 in.  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ 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 \_\_\_\_\_ feet at 15 gal. per min.

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

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

(over)

### Log of Well

[illegible]

File No. ....

T. 6N R. 27E

DUPLICATE

County Musselshell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
NOV 15 1963

Notice of Completion of Groundwater Appropriation  
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

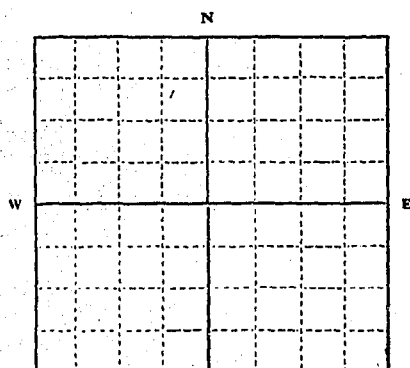
Date of Appropriation of Groundwater 1914Owner Nor. Pac. Ry. Co. Address St. Paul, Minn.

Contractor (if any) .....

Address of Contractor .....

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

Describe means of obtaining groundwater without a well "as by  
sub-irrigation and other natural processes". Include depth to  
water when applicable. Springs, used since 1914.



NW 1/4 NW 1/4 &  
NW 1/4 SW 1/4 Sec. 3 T. 6N R. 27E

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 on

NW 1/4 NW 1/4 flows 3 gallons per minute. Spring

on NW 1/4 SW 1/4 flows 5 gallons per minute.

Measured over a period of time.

Northern Pacific Railway Company

Signature of Owner By L. H. Liberman

Dist. Supervisor, Graz. & 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.

168919

STATE OF MONTANA, } ss.  
MUSSELSHELL COUNTY. }

FILED THIS 14 DAY OF

Nov A. D. 19 63

AT 2:10 O'CLOCK P. M.

B. H. MATZKE  
COUNTY RECORDER

*[Signature]*  
DEPUTY

872.22

File No. ....

T. 6. N. R. 27. E.

DUPLICATE

County Musselshell

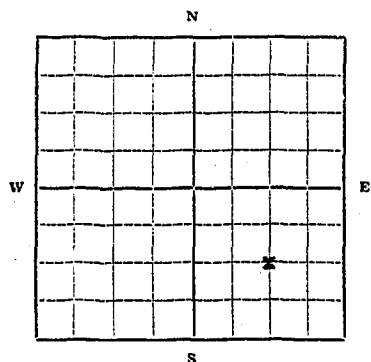
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JUL 30 1963

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

STATE ENGINEER

1. A. D. and Mae Seger, of Roundup  
(Name of Appropriator) (Address) (Town)  
County of Musselshell State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 5 T. 6N. R. 27E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1925 and continuously thereafter.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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 not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Located in SE 1/4 Sec. 5-6-27. Natural flowing spring

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

8. The depth of water table Natural flowing spring

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 Natural flowing spring

10. The estimated amount of groundwater withdrawn each year 250,000 gal. per 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 not applicable

Signature of Owner A. D. Seger

Date Wae Seger  
Dated July 24, 1963

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

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

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

168373

STATE OF MONTANA, } ss.  
MUSSELSHELL COUNTY. }

FILED THIS 29 DAY OF

July A. D. 19 63

AT 10:30 O'CLOCK a.M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Rosman  
DEPUTY

\$2.00



File No. ....

DUPLICATE

T. 6N R. 27County Missoula

JAN 3 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 1910Owner Fred H. Johnson Address RD #3, Bill. Mont.

Contractor (if any) .....

Address of Contractor .....

Date Started 1910 Date Completed 1910

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

natural flow with  
dam. Depth 4-10'

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

estimate approximate lengths of periods of use Continuous

use Body of water 100' sq  
and from 4-10' deep

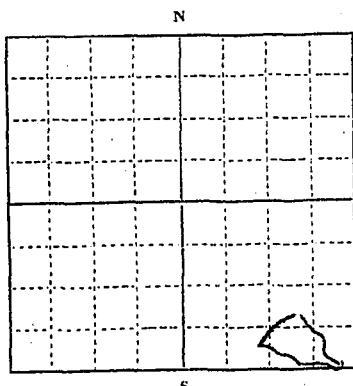
Signature of Owner Fred H. JohnsonDate Dec 31, 1963

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

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

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

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

SE  $\frac{1}{4}$  Sec. 8 T. 6 R. 27

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

169685

STATE OF MONTANA, 189  
MUSSELSHELL COUNTY, 1

FILED THIS 31 DAY OF

December A.D. 1963

AT 1:32 O'CLOCK P.M.

F. E. MATZKE

COUNTY RECORDER

Frances L. Dawson

DEPUTY

200

File No. ....

T. 6N R. 27E

DUPLICATE

County Musselshell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
NOV 15 1963

Notice of Completion of Groundwater Appropriation  
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

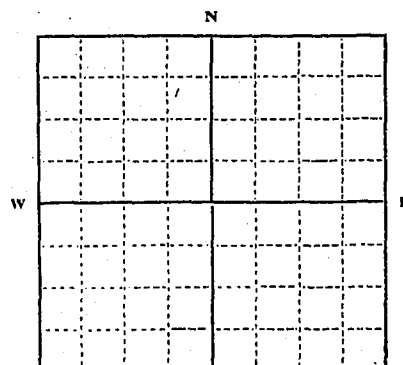
Date of Appropriation of Groundwater 1914.Owner Nor. Pac. Ry. Co. Address St. Paul, Minn.

Contractor (if any) .....

Address of Contractor .....

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring, used since 1914.

NW  $\frac{1}{4}$  NE  $\frac{1}{4}$  Sec. 9 T. 6N R. 27E

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 6 gallons per minute, measured over a period of time.

Northern Pacific Railway Company  
Signature of Owner By L. N. Lukinger  
Dist. Supervisor, Graz. and 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.

168918

STATE OF MONTANA,  
MUSSELSHELL COUNTY, } ss.

FILED THIS 14 DAY OF

Nov A. D. 1963

AT 2:08 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Ross

DEPUTY

\$ 2.00

File No. ....

T. 6N R. 27E

DUPLICATE

County Musselshell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

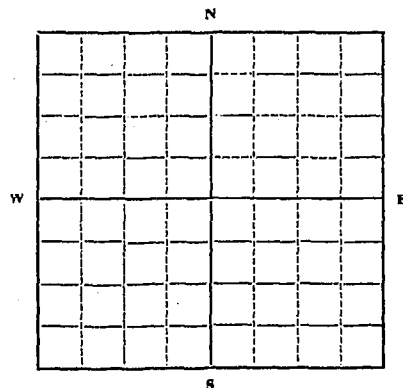
**RECEIVED**  
NOV 15 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Northern Pacific Railway Company, of N.P. Office Bldg., St. Paul, Minn.  
(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:



SE  $\frac{1}{4}$  NW  $\frac{1}{4}$  Sec. 11 T. 6N R. 27E

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 how con-  
tinuous the use has been Continuous since 1956.
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  
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 with-  
drawal of groundwater Drilled in 1956. Completed Aug. 12, 1956.
8. The depth of water table 110 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 200 feet deep - 6-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 0-80' grey shale;  
80-84' sandrock; 84-115' blue shale; 115-165' fine sandrock; 165-180'  
shale; 180-184' coal and water; 184-200' shale.
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 No other information available.

Northern Pacific Railway Co.

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.

7067

168917

STATE OF MONTANA,  
MUSSELSHELL COUNTY. } <sup>ss.</sup>

FILED THIS 14 DAY OF

Nov

A. D. 19 63

AT 2:06 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Gassman  
DEPUTY

\$12.00

STATE OF MONTANA  
MUSSELSHELL COUNTY  
RECORDED  
INDEXED

File No. ....

DUPLICATE

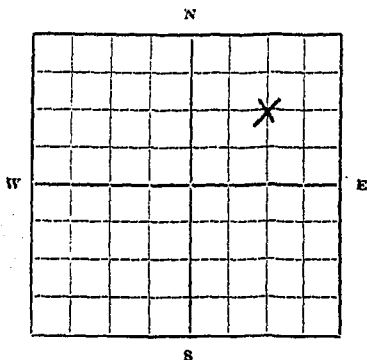
T. 6 N E 27  
County Musselshell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1964  
STATE ENGINEER

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

1. Jim H. Brown of Roundup  
(Name of Appropriator) (Address) (Town)  
County of Musselshell State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 12 T. 6 R. 27

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1912  
Continuous use

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

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

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 1912

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  
Well 150 Ft. deep, water withdrawn by pump.  
Well cased to bottom.

10. The estimated amount of groundwater withdrawn each year 300,000 gallons

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

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 Jim H. Brown  
Date 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.

20647

169803

STATE OF MONTANA, (SE.  
MUSSELSHELL COUNTY.)

FILED THIS 31 DAY OF

Dec A.D. 1963  
AT 6:12 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

James L. Dawson  
2<sup>nd</sup> DEPUTY



Well No 9

14

RECEIVED  
NOV 17 1958

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

T. 6 R. 27 E  
County. Yellowstone  
Musselshell

STATE ENGINEER

WATER WELL LOG


Owner. Boyd Choate Address. Shepherd, Mont.  
Driller. Clyde Sando Address. 1141 Milwaukee.  
Date Started. Bullington, Mont.  
Date Completed. Aug. 16, 1958  
Location: Sec. 14 T. 6 R. 27 E. 1/4 sec.

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

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

Casing: 0 ft. to 22 ft. Type. heavy surface Size. 8 inch  
Casing: 0 ft. to 443 ft. Type. galvanized Size. 6 inch  
Casing: ft. to ft. Type. Size.

Perforated or Screened: Ft. to ft. 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: feet at 4 gal. per min.

How tested:

Length of test.

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



(over)

## Log of Well

[illegible]

File No. ....

T. 6N R. 27E

DUPLICATE

County Musselshell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
NOV 15 1963

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1914.

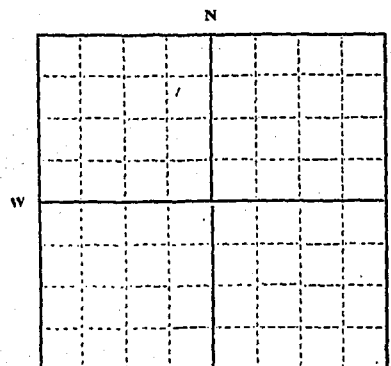
Owner Nor. Pac. Ry. Co. Address St. Paul, Minn.

Contractor (if any) .....

Address of Contractor .....

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Springs, used since 1914.



NE 1/4 &  
NW 1/4 Sec. 15 T. 6N R. 27E

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 on

NE 1/4 flows 3 gallons per minute. Spring  
on NW 1/4 flows 3 gallons per minute.

Measured over a period of time.

Northern Pacific Railway Company  
Signature of Owner By L. H. Leisinger  
Dist. Supervisor, Graz. & 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.

7066

168916

STATE OF MONTANA }  
MUSSELSHELL COUNTY } ss

FILED THIS 14 DAY OF  
Nov A. D. 1963  
AT 2:04 O'CLOCK PM

B. H. MATZKE

COUNTY RECORDER

Chris J. Gorman  
DEPUTY  
92.00



BOARD OF COUNTY  
COMMISSIONERS  
ARNOLD JOHNSON  
GENO MINNIE  
EDWIN H. ROBSON



## County of Musselshell

ROUNDUP, MONTANA

APRIL 27, 1971

FILED

APR 28 1971

CLAUDE F. FLETCHER  
CLERK AND RECORDER  
CLARENCE MCKENNA  
ASSESSOR  
MARGARET REIGHARD  
TREASURER  
FRANCES B. STALCUP  
SUPT. OF SCHOOLS  
GEORGE A. PALMER  
SHERIFF  
ROY C. RODEGHIERO  
COUNTY ATTORNEY  
MARION E. CEBULL  
CLERK OF COURT  
JOHN J. RAE  
CORONER  
HELEN LACEY  
PUBLIC ADMINISTRATOR  
GLEN SCOTT  
GEORGE HLEDIK  
JUSTICES OF THE PEACE

WATER RESOURCES BOARD  
HELENA, MONTANA

DEAR SIR:

MR. FRED H. JOHNSON, OWNER OF THE FOLLOWING SECTIONS, AND APPROPRIATOR FOR WATER RIGHTS FILED ON SAME DEC. 31, 1971, WAS IN MY OFFICE CHECKING THE FILINGS AND INFORMED ME THAT THE LOCATION OF THE WELLS ARE BOTH IN ERROR. ACCORDING TO STATUTE 89-2913, REVISED CODES OF 1947, THESE FILINGS MAY BE RETURNED TO COUNTY CLERKS FOR CORRECTION. THIS MAY NOT BE NECESSARY AS THE LOCATIONS ARE IN THE CORRECT SECTIONS, TOWNSHIP, AND RANGE BY DESCRIPTION, BUT ARE LOCATED IN THE WRONG PART OF SAID SECTION. THERE ARE NO OTHER WELLS IN EITHER SECTION, SO CAN SEE NO PROBLEM BY THE PRESENT DESCRIPTIONS. HE WISHED FOR ME TO ENDEAVOR TO HAVE SAME CORRECTED AND I INFORMED THAT I WOULD CONTACT YOUR OFFICE FOR PROCEDURE. WILL WRITE AN AFFIDAVIT FROM MR. JOHNSON THAT MAY SUFFICE FOR YOUR CORRECTING SAME WITHOUT RETURNING TO MY OFFICE. IF PERMISSABLE, INFORM ME AND CORRECTIONS WILL BE MADE HERE.

I, CLAUDE F. FLETCHER, DULY ELECTED, QUALIFIED, AND ACTING COUNTY CLERK AND RECORDER OF MUSSELSHELL COUNTY, MONTANA DO HEREBY CERTIFY THAT MR. FRED H. JOHNSON, APPROPRIATOR AND OWNER OF THE WELLS ON THE FOLLOWING DESCRIBED PROPERTY. SECTION 1, TWP. 6, RANGE 26, FILED DEC. 31, 1963 AT 1.25 P.M. LOCATION OF WELL SHOULD BE DIRECTLY SOUTH  $\frac{1}{2}$  MILE ON SOUTH LINE OF SW $\frac{1}{4}$ , RATHER THAN NW $\frac{1}{4}$ . ALSO SECTION 18, TWP. 6, RANGE 27, SHOULD BE IN NW $\frac{1}{4}$  ON NORTH LINE 1 MILE NORTH OF LOCATION ON FILE IN SW $\frac{1}{4}$ . OUR NUMBERS ON THESE FILINGS ARE SEC. 1-169682, FILED DEC. 31, 1963 AT 1.25 P.M. & SEC. 18, FILED DEC. 31, 1963 AT 1.27 P.M. NO. 169683.

DATED AT ROUNDUP, MONTANA THIS  
27 DAY OF APRIL 1971.

*Claude F. Fletcher*  
COUNTY CLERK & RECORDER  
MUSSELSHELL COUNTY, MONTANA

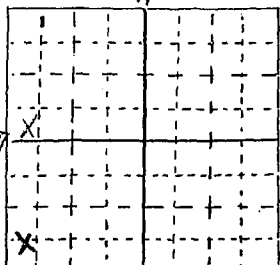
State of Montana  
Administrator of groundwater Code  
Office of State Engineer

T...S...R...S...  
County...*Missoula*...

JAN 3 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1961)

1. *Fred H. Johnson*....., of *St. Helena*..... *Bullhead*..... *Mont.*  
(Name of Appropriator) (Address) (Town)  
County of *Yellow*..... State of *Mont.*.....  
have appropriated groundwater according to the Montana laws in effect prior to January 1,  
1962, as follows:



CORRECTION

- ..... *Sec. 18*..... T. *6*..... R. *27*.....
- 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*  
..... *Stock*.....
3. Date or approximate date of earliest beneficial use; and how continuous the use has been *April 26, 1954*..... (*Continual use*)
4. The amount of groundwater claimed (in miner's inches or gallons per minute).... *1.5 gal./min.*.....
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.... *none*.....
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... *Elect. Pump*.....
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water..... *Completed April 26, 1954*.....
8. The depth of water table .... *45'*.....
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.....  
*Casey 0-204' 0-12' 2" Shert metal 12' 204' 6" Shert metal*.....
10. The estimated amount of groundwater withdrawn each year... *440,000 gal.*.....
11. The log of formations encountered in the drilling of each well if available *4-18' Br. Shale, 19-25' Br. Shale, 25-35' Light gray shale, 35-50' High gray shale, 50-68' Light gray shale, 68-70' Dark gray shale & coal, 70-130' Light gray sandy shale, 130-138' Coal, 138-148' Light gray shale*.....
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 count record.....  
..... *none*.....

Signature of Owner

Date

*Fred H. Johnson*  
*Fred H. Johnson*  
*Dec. 31, 1963*

*168-178 Coal*  
*178-190 Light gray shale*

169683

STATE OF MONTANA, }  
MUSSELSHELL COUNTY, }

FILED THIS 31 DAY OF

December A. D. 1963

AT 1:27 O'CLOCK P.M.

H. H. MATH

COUNTY RECORDER

Francis L. Dawson  
DEPUTY

2<sup>00</sup>

GW3

File No. ....

DUPLICATE

T. 6 N E 27

County Muss

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 3 1964

STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1910  
Owner Fred H. Johnson Address Rt #3 Bill Mont.  
Contractor (if any) .....

Address of Contractor .....

Date Started 1910 Date Completed 1910

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

No. 1 Natural flow with Dam 4-10' Depth

No. 2 Natural flow with Dam 4-10' Depth

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.

No. 1 Continuous use, Body of water 15'-40' 2'-8' deep

No. 2 Continuous use, Body of water 15'-50' 4'-10' deep

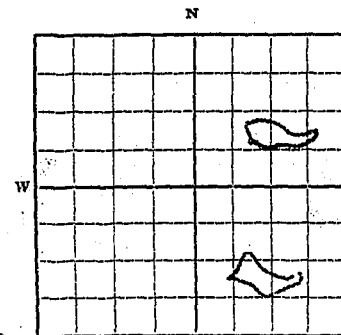
Signature of Owner Fred H. Johnson  
Wm. B. Johnson  
Dec. 31, 1963

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

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

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

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



No. 1 SE NE S  
No. 2 NE 1/4 SE Sec 21 T. 6 R. 27  
Indicate point of appropriation and place of use, if possible.



169684

STATE OF MONTANA, } ss.  
MUSSELSHELL COUNTY }  
FILED THIS 31 DAY OF  
December A.D. 1963  
AT 1:30 O'CLOCK P M.  
B. H. MATZKE  
COUNTY RECORDER  
James L. Dawson  
200

22

File No. ....

T. 6N R. 27E

DUPLICATE

County Musselshell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
NOV 15 1963

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

(Under Chapter 237 Montana Session Laws, 1961)

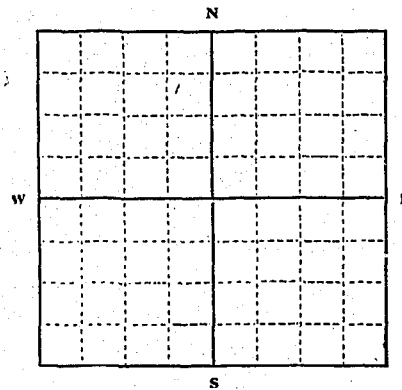
Date of Appropriation of Groundwater 1914Owner Nor. Pac. Ry. Co. Address St. Paul, Minn.

Contractor (if any) .....

Address of Contractor .....

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

Describe means of obtaining groundwater without a well "as by  
sub-irrigation and other natural processes". Include depth to  
water when applicable. Spring, used since 1914.

SW  $\frac{1}{4}$  NE  $\frac{1}{4}$  Sec. 22 T. 6N R. 27E

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 10 gallons per minute.measured over a period of time.

Northern Pacific Railway Company  
Signature of Owner By J. H. Leitzinger  
Dist. Supervisor, Graz. & 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.

7054

168904

STATE OF MONTANA,  
MUSSELSHELL COUNTY } ss.

FILED THIS 14 DAY OF

November A. D. 1963

AT 1:40 O'CLOCK P.M.

**B. H. MATZKE**

COUNTY RECORDER

Clair J. Gosman  
DEPUTY

File No. ....

T. 6N R736E

DUPLICATE

County Missoula

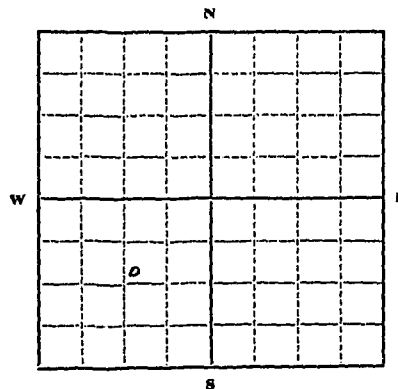
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 3 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Maged Snow (Name of Appropriator), of Building Ctr. Rte. Roundup (Address) (Town)  
County of Missoula State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 30 T. 6 R. 22

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 water3. Date or approximate date of earliest beneficial use; and how continuous the use has been Mar. 19524. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gallons per minute5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
No6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Pump - gas powered7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Mar. 19528. The depth of water table 150 ft9. 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 6" hole - 250 ft depth  
pipe pump Jack - gas powered10. The estimated amount of groundwater withdrawn each year 150,000 gals11. The log of formations encountered in the drilling of each well if available  
Not Available

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

Signature of Owner Maged Snow by George MegrelDate Nov 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.

20565

169721

STATE OF MONTANA, }  
MUSSELSHELL COUNTY. }

FILED THIS 31 DAY OF

December A. D. 19 63

AT 3:15 O'CLOCK P. M.

FILED MAY 11

COUNTY RECORDER

Francis L. Dawson

DEPUTY

2<sup>00</sup>

Well No. 1.  
**RECEIVED**  
JUN 17 1958

30  
T. 6 N R. 27 E  
County Musakshell

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Migett Bros. Address Roundup  
Driller Clyde Sando Address 1141 Milwaukee, Billings Mont.  
Date Started \_\_\_\_\_ Date Completed Sept. 5/1958  
Location: Sec. 30 T. 6 N R. 27 E  $\frac{1}{4}$  sec.

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

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

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

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 \_\_\_\_\_

Static Water level, for non-flowing well: 144 feet.

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

Pumping water level 260 feet at 10 gal. per min.

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

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

Well deepened from 160 ft.  
drilled Feb. 18, 1953.

(over)

### Log of Well

[illegible]

## Page / of

[illegible]



2

County Musselshell

RECEIVED  
JAN 2 1982

Water Well Log


Location: Sec. 2 T. 6N R. 28E  $\frac{1}{4}$  sec. SW

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

(over)

RECEIVED  
DEC 2 1957

T. 6 R. 28  
County MUSSELSHELL

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Gerald E Turley Address Musselshell  
Driller Louis Corbin Address Gage  
Date Started June 55 Date Completed July 55  
Location: Sec. 2 T. 6 R. 28  $\frac{1}{4}$  sec. nw

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

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

Casing: Surface ft. to 180 ft. Type Steel Size 6 in

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. forty of bottom Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations drilled

Static Water level, for non-flowing well: 80 feet.

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

Pumping water level 100-170 feet at 12 gal. per min.

How tested: Bailed

Length of test 90 minutes

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

good well

(over)

Log of Well
Description of Material Dr

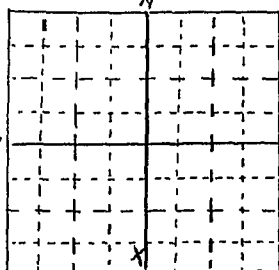
Depth, feet		Description of Material Drilled
From	To	
0	10	alternating layers of 6 to 12 ft of shale & sandstone. Some coal, five or six feet. Some 10 ft very hard rock.

State of Montana  
Administrator of groundwater Code  
Office of State Engineer

T. 6 N. R. 28 E.  
County *Missoula*  
**RECEIVED**  
JAN 2 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1962) STATE ENGINEER

1. *Shen K. Boen*, of *Missoula*,  
(Name of Appropriator) (Address) (Town)  
County of *Missoula* 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. 6 N. R. 28 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.....  
*stock water*
3. Date or approximate date of earliest beneficial use; and how continuous the use has been *July 26, 1946 when needed*
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
*12 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.....
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
*auger pump for water returned*
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water ..  
*July 20, 1946 July 26, 1946*
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 specifications of any other works for the withdrawal of groundwater.....  
*1" hole and 2 - 2 1/2 ft.*
10. The estimated amount of groundwater withdrawn each year. *Varies, not over 200,000*
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 count record.....

Signature of Owner *Shen K. Boen*  
Date *Dec. 30, 1963*

169599

STATE OF MONTANA.  
MUSSELSHELL COUNTY. } REG.

FILED THIS 30 DAY OF  
Dec A. D. 19 45  
AT 4:25 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson  
DEPUTY

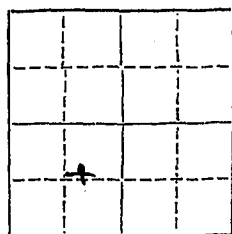
\$2.00

RECEIVED  
DEC 2 1957

T. 6 R. 28  
County. MUSSELSHELL

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG



Owner: Gerald E Turkey Address: Musshell.  
Driller: Anderson Address: Billings.  
Date Started: \_\_\_\_\_ Date Completed: 1940  
Location: Sec. 3 T. 6N R. 28E sec. center Section

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

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

Casing: Steel ft. to \_\_\_\_\_ ft. Type: 4 ft sections 6 in.  
Casing: Surface ft. to 110 ft. Type: \_\_\_\_\_ Size: \_\_\_\_\_  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type: \_\_\_\_\_ Size: \_\_\_\_\_

Perforated or Screened: Ft. 20 to ft. bottom Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations: \_\_\_\_\_

Static Water level, for non-flowing well: Starts at 60 ft. feet.

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

Pumping water level: 60 feet at 7 gal. gal. per min.

How tested: with pump

Length of test: several hours

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

(over)

Depth, feet		Description of Material Drilled
From	To	
		Alternate shale sands layer of coal
		Before it owned same?

Alternate shale sandstone  
layer of coal

Before it owned

~~Amal~~

File No. ....

T. 6N R. 28E

DUPLICATE

County Musselshell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
NOV 15 1963

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

(Under Chapter 237 Montana Session Laws, 1961)

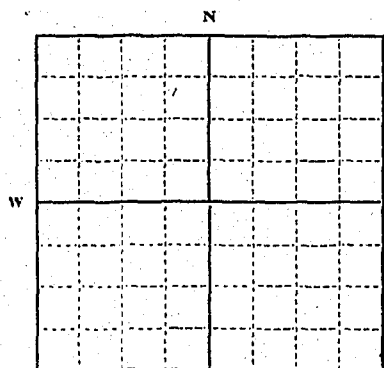
Date of Appropriation of Groundwater 1912Owner Nor. Pac. Ry. Co. Address St. Paul, Minn.

Contractor (if any) .....

Address of Contractor .....

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

Describe means of obtaining groundwater without a well "as by  
sub-irrigation and other natural processes". Include depth to  
water when applicable. Spring, used since 1912.

NE 1/4 Sec. 5 T 6N R. 28E

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 2 gallons per minute, measured  
over a period of time.

Northern Pacific Railway Company  
Signature of Owner By L. H. L. L. L.  
Dist. Supervisor, Graz. & 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. 5N R. 28E

DUPLICATE

County Musselshell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
NOV 15 1963

Notice of Completion of Groundwater Appropriation  
Without Well

STATE ENGINEER

(Under Chapter 287 Montana Session Laws, 1961)

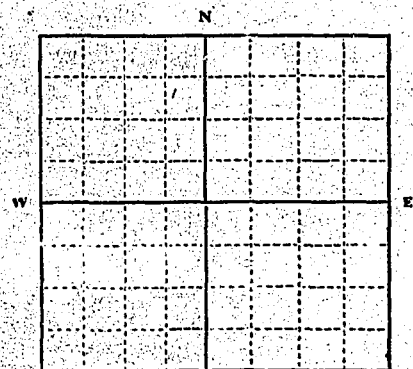
Date of Appropriation of Groundwater 1912Owner Nor. Pac. Ry. Co. Address St. Paul, Minn.

Contractor (if any) .....

Address of Contractor .....

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

Describe means of obtaining groundwater without a well "as by  
sub-irrigation and other natural processes" Include depth to  
water when applicable. Spring, used since 1912.



NE 1/4 Sec. 5 T. 5N R. 28E

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 2 gallons per minute, measured  
over a period of time.

Northern Pacific Railway Company  
Signature of Owner By L. H. Heltinger  
Dist. Supervisor, Agr. & 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.

168911

STATE OF MONTANA,  
MUSSELSHELL COUNTY. } ss.

FILED THIS 14 DAY OF

Nov A. D. 19 63

AT 1:54 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Rossman

DEPUTY

82.20

File No. ....

DUPLICATE

T. 6 N R 28 E 6

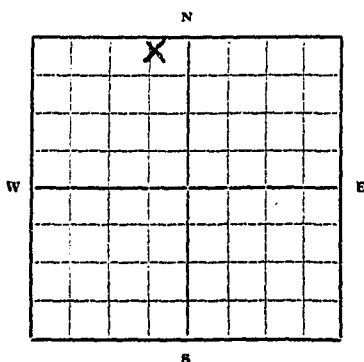
County Musselshell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1964

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

1. Jim H. Brown, of Roundup,  
(Name of Appropriator) (Address) (Town)  
County of Musselshell State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec 6 T. 6 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 water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1916  
Continuous use

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 Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1916

8. The depth of water table 20 FT.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
Well 120 FT. deep - Cased to bottom

10. The estimated amount of groundwater withdrawn each year 300,000 gallons

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

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 Jim H. Brown  
Date 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.

20637

169793

STATE OF MONTANA, 1st  
MUSSELSHELL COUNTY

FILED THIS 31 DAY OF

Dec

A.D. 1963

AT 5:52 O'CLOCK P.M.

W. H. MATTHEW

COUNTY RECORDER

Frances L. Dawson  
2-1 DEPUTY

GW

Approved Stock Form--State Publishing Co., Helena, Montana 1921

File No. ....

T. 9 N. R. 27

DUPLICATE

County. Musselshell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

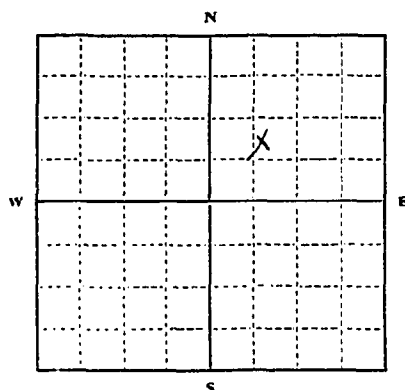
RECEIVED  
DEC 26 1963

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. R. F. Mattson, of Delphina  
(Name of Appropriator) (Address) (Town)  
County of Musselshell State of Mont  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based. Water  
in F&G sec 6-9-28

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1917. Watering Live stock

4. The amount of groundwater claimed (in miner's inches or gallons per minute) don't know it never ran  
surged dry

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

Just for Live stock

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

Gas Engine and 2 1/2 in cylinder

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. fall of 1917

8. The depth of water table. 90 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 in casing 90 feet deep

10. The estimated amount of groundwater withdrawn each year. don't know

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

don't know any

Signature of Owner

R. F. Mattson

Date Dec 19 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.

12367

169317

STATE OF MONTANA,  
MUSSELSHELL COUNTY.

FILED THIS 23 DAY OF  
dec A. D. 19 63  
AT 12:18 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

James L. Dawson  
DEPUTY

2.08

File No. ....

T. 6N R. 28E

DUPLICATE

County Musselshell

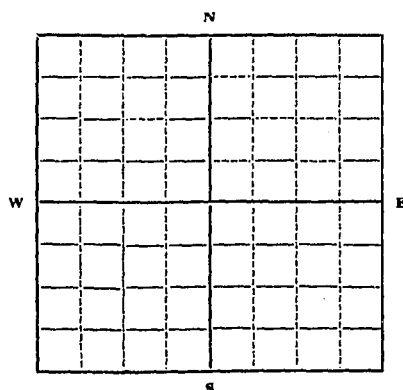
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
NOV 15 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Northern Pacific Railway Company, of N.P. Office Bldg, St. Paul, Minn.  
(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:



SE  $\frac{1}{4}$  NW  $\frac{1}{4}$  Sec. 9 T. 6N R. 28E

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 how con-  
tinuous the use has been. Continuous since 1942.

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. Pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater. Drilled in 1942.

8. The depth of water table. 120 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. 140 feet deep - 6-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. No log 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. No other information available.

Northern Pacific Railway Company  
Signature of Owner By L. H. Liberman  
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.

1/c 6.0

168910

STATE OF MONTANA, } ss.  
MUSSELSHELL COUNTY, }

FILED THIS 14 DAY OF

Nov A. D. 19 63

AT 1:52 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Saccman  
DEPUTY

\$2.00



File No. ....

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

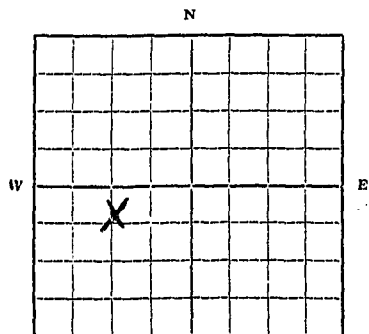
**Declaration of Vested Groundwater Rights**  
(Under Chapter 237, Montana Session Laws, 1961)

T. 6 N R. 28 E  
County Musselshell

JAN 3 1964

ENGINEER

1. Jim H. Brown of Roundup  
(Name of Appropriator) (Address)  
County of Musselshell State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Spring  
SW 1/4 Sec. 10 T. 6 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 Spring  
for stock water use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910  
continuous use

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1900

8. The depth of water table ground level

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  
Spring flows naturally and used for stock water

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

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 J. H. Brown  
Date 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.

20636

169792

STATE OF MONTANA, } ss.  
MUSSELSHELL COUNTY, }

FILED THIS 31 DAY OF

Dec A. D. 19 63

AT 5:50 O'CLOCK P M.

E. H. MATZKE

COUNTY RECORDER

Frances L. Dawson  
200 DEPUTY

Form No. 18  
8-60

T. 6N R. 28E

County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1962

STATE ENGINEER

Water Well Log


Owner Sam Smeding Address Musselshell

Driller Hand Dug Address \_\_\_\_\_

Date Started 1914 Date Completed \_\_\_\_\_

Location: Sec. 11 T. 6N R. 28E  $\frac{1}{4}$  sec. NE1

Type of well hand dug Equipment used \_\_\_\_\_  
(Dug, driven, or drilled) (Churn, drill, rotary, other)

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

Casing: 0 ft. to 25 ft. Type sand rock Size 6 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 \_\_\_\_\_

Static water level, for non-flowing well: 20 feet.

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

Pumping water level 20 feet at 20 gal. per min.

How tested: pump

Length of test 6 hr.

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

Irrigation os for a garden.

(over)

Form No. 18  
8-60

T. 6N R. 28E  
COUNTY Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1962

Water Well Log

STATE ENGINEER

	*	

Owner Sam Smeding Address Musselshell  
Driller Anderson Drilling Co. Address Billings  
Date started September 14, 1943 Date Completed Sep. 16, 1943  
Location: Sec. 11 T. 6N R. 28E Sec. NE4

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

Water use Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing: 0 ft. to 40 ft. Type steel Size 6 in.

Casing: 40 ft. to 67 ft. Type sand rock Size 6 in. hole

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static water level, for non-flowing well: 30 feet.

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

Pumping water level 60 feet at 20 gal. per min.

How tested: pump

Length of test 6 hr.

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