

286484

286484

STATE OF MONTANA

County of Dawson

Filed for record this 23 day of  
December A. D. 1963, at  
4:00 o'clock P. M.

Gordon H. Russell  
County Clerk and Recorder.

By E. M. Warren Deputy.

Form No. 18  
8-60

20

T. 16 R. 51

County Dawson

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 4 1961

STATE ENGINEER

DEC 29 1961

WATER WELL LOG

10:30 A.M.

	x	

Owner Scoville Lehman Address Lindsay Montana

Driller Harold Gavin Address Lindsay Montana

Date Started Nov. 20 1961 Date Completed Nov. 25 1961

Location: Sec. 20 T. 16 R. 51  $\frac{1}{4}$  sec. S.W.

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

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

Casing: 0 ft. to 42 ft. Type steel Size 4 inch

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

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

Perforated or Screened: Ft. 37 to ft. 42 . Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations slots cut in casing

Static Water level, for non-flowing well: 24 feet.

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

Pumping water level 27 feet at 10 gal. per min.

How tested: slush bucket

Length of test one hour

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

(over)

## Log of Well

[illegible]

File No. ....

T 16 R 51

DUPLICATE

County Dawson

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 14 1964

Notice of Completion of Groundwater Appropriation Without Well

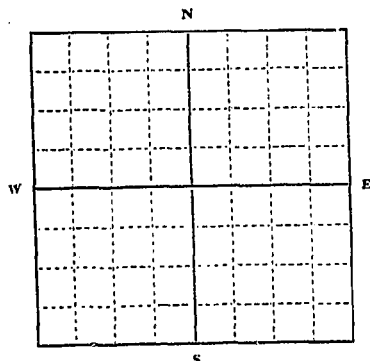
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1932Owner Alvina Linderman address Enderland North Dakota

Contractor (if any) .....

Address of Contractor .....

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. natural spring fedwater pondSW 1/4 Sec. 21 T. 16. R. 51

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 .....

for stock waterSignature of Owner Alvina LindermanDate Dec 30 1963

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

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

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

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

286767

STATE OF MONTANA  
County of Dawson

Filed for record this 30th day of  
December A. D. 1963, at  
4:00 o'clock P.M.  
Gordon W. Russell  
County Clerk and Recorder.

By \_\_\_\_\_ Deputy.

File No. ....

T. 16 R. 51

DUPLICATE

County Dawson

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 14 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1925

Owner S. S. Lehman Address Lindsay Mont.

Contractor (if any) .....

Address of Contractor .....

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

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

water pond

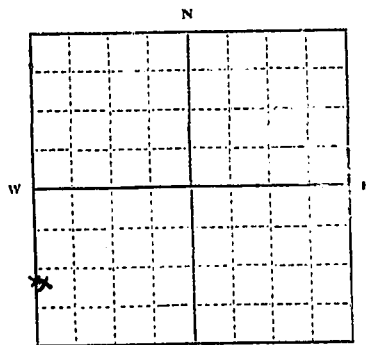
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

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

for stock water

Signature of Owner S. S. Lehman

By But Lehman  
Date Dec 30, 1963



SW 1/4 Sec. 22 T. 16. R. 51  
Indicate point of appropriation and place of use, if possible.

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.

286766

STATE OF MONTANA  
County of Dawson

Filed for record this 30th day of  
December A. D. 19 63, at  
4:00 o'clock P.M.  
Gordon W. Russell  
County Clerk and Recorder.

By \_\_\_\_\_ Deputy.

Form No. 18  
8-60

T. 16 R. 51

County Dawson

DEC 29 1961

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 4 1962

10:30 A.M.

WATER WELL LOG

STATE ENGINEER


Owner S.S. LEHMAN Address Lindsay Montana

Driller Harold Gavin Address Lindsay Montana

Date Started May 30 1958 Date Completed June 2 1958

Location: Sec. 22 T. 16 R. 51  $\frac{1}{4}$  sec. S.W.

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

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

Casing: 0 ft. to 73 ft. Type steel Size 4 inch

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

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

Perforated or Screened: Ft. 53 to ft. 73. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations slots cut in casing

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 5 gal. per min.

How tested: jet type pressure pump

Length of test 1 hours

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

(over)



## Log of Well

[illegible]

Form No. 18  
8-60

T. 16 R. 51  
County Dawson

DEC 29 1961

10:30 A.M.

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 4 1962

WATER WELL LOG

STATE ENGINEER


Owner S.S. Lehman Address Lindsay Montana  
Driller Harold Gavin Address Lindsay Montana  
Date Started Sept. 1957 Date Completed Sept. 1957  
Location: Sec. 22 T. 16 R. 51  $\frac{1}{4}$  sec. S.W.

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

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

Casing: 0 ft. to 70 ft. Type steel Size 4 inch

Casing:        ft. to        ft. Type        Size       

Casing:        ft. to        ft. Type        Size       

Perforated or Screened: Ft. 50 to ft. 70 . Ft.        to ft.       

Type of screen or perforations slots cut in casing

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

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

Pumping water level 50 feet at 7 gal. per min.

How tested: jet type pressure pump

Length of test 6 hours

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

(over)

## Log of Well

[illegible]

Form No. 18  
8-60

22

T. 16 R. 51  
County Dawson **RECEIVED**  
JAN 4 1962

DEC 29 1961

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

STATE ENGINEER

10:30 A.M.

WATER WELL LOG


Owner S.S. Lehman Address Lindsay Montana  
Driller Harold Gavin Address Lindsay Montana  
Date Started Sept. 1960 Date Completed Sept. 1960  
Location: Sec. 22 T. 16 R. 51  $\frac{1}{4}$  sec. S.W.

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

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

Casing: 0 ft. to 67 ft. Type steel Size 4 inch

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

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

Perforated or Screened: Ft. 47 to ft. 67. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations slots cut in casing

Static Water level, for non-flowing well: 35 feet.

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

Pumping water level 15 feet at 5 gal. per min.

How tested: slush bucket

Length of test 2 hours

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

(over)

## Log of Well

[illegible]

**RECEIVED**

MAY 15 1959

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

T. 16 R. 51 22  
County Dawson

WATER WELL LOG


Owner Scovil Lehman Address Lindsey Montana  
Driller R. J. Gavin Address Lindsey Montana  
Date Started June 1, 58 Date Completed June 2-1958  
Location: Sec 22 T. 16 R. 51 ¼ sec. S.W.

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

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

Casing: 0 ft. to 73 ft. Type heavy steel Size 4"

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

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

Perforated or Screened: Ft. 58 to ft. 73 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations slots cut in casing

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

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

Pumping water level 4.5 feet at 5 gal. per min.

How tested: jet pump

Length of test 4 hrs.

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

(over)

[illegible]

Depth, feet

From

**To**

### Description of Material Drilled

0

65

class

65

73

saht

T 16 R 51

County Dawson

Probably Received Jan 4. CSH

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

DEC 29 1961

10:30 A.M.

WATER WELL LOG

x			

Owner Scoville Lehman Address Lindsay Montana  
Driller Harold Gavin Address Lindsay Montana  
Date Started Nov. 25 1961 Date Completed Nov. 30 1961  
Location: Sec. 22 T. 16 R. 51 SW 1/4 sec.

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

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

Casing: 0 ft. to 36 ft. Type steel Size 5 inch

Casing: 36 ft. to 54 ft. Type steel Size 4 inch

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 36 to ft. 54 Ft. to ft.

Type of screen or perforations slots cut in casing

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

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

Pumping water level 10 feet at 5 gal. per min.

How tested: slush bucket

Length of test one hour

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

(over)



[illegible][illegible]

File No. ....

T. 16 R. 57

DUPLICATE

County Dawson

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

Declaration of Vested Groundwater Rights

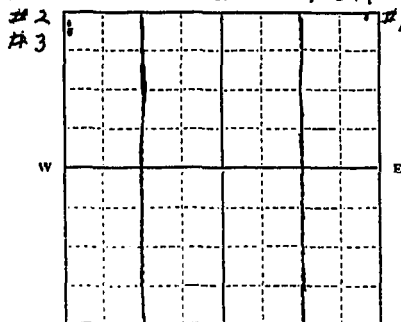
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Elmer C Haley, of 311 Chestnut Blondine  
(Name of Appropriator) (Address) (Town)

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

NW 1/4 25-14-51 N NE 1/4 27-14-51



NW 1/4 25 14 51  
NE 1/4 Sec 27 T. 14 R. 51

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

2. The beneficial use on which the claim is based  
#1 Limestone water #2 + 3 House use & irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
#1 - 1935 part time use  
#2 - 1951 household use continuous  
#3 - 1940 irrigation part time use

4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
#1 - 3 gal per minute  
#2 - 5 gal " "  
#3 - 5 " " "

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  
#3 irrigate garden, trees and lawn

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
#1 - 1935 #2 - 1951 #3 - 1940

8. The depth of water table  
#1 - 40 ft #2 - 24 ft #3 - 24 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  
#1 - 4.5 ft 8 in Casing 5 ft water  
#2 - 27 ft 5 in Casing 4 ft of water  
#3 - 27 ft 5 in Casing 3 ft of water

10. The estimated amount of groundwater withdrawn each year  
#1 - 50,000 gal #2 - 220,000 gal #3 - 35,000 gal

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

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

Signature of Owner Elmer C Haley

Date Dec 26<sup>th</sup> 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.

286516

STATE OF MONTANA  
County of Dawson

Filed for record this 26 day of  
December A. D. 1963, at  
3:30 o'clock P.M.  
Gordon W. Russell  
County Clerk and Recorder.

By \_\_\_\_\_ Deputy.

*See p. 2*

File No. ....

DUPLICATE

RECEIVED  
MAY 29 1963

T. 16 N. R. 51 E

County Dawson

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 2670)

STATE ENGINEER

Notice of Completion of Groundwater

Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: E C Halsey Address: Blodine Montana

Driller: H J Garin Address: Lindsay Montana

Date of Notice of Appropriation of Groundwater: Feb. 7, 1963

Date well started: Feb. 7, 1963 Date Completed: Feb. 9, 1963

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4 inch	4 inch 10.84 lbs. per ft.	0	31	5" x 3" slot cut in casing	22	31

Static Water Level for non-flowing Well 22 feet.

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

Pumping Water Level 24 feet at 3 gal. per minute.

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

How Tested: plunger pump Length of Test 3 hrs.

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

Water from 24 to 30 feet

8.5  
Driller's License Number  
H J Garin  
Driller's Signature

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

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

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

4520

283756

STATE OF MONTANA  
County of Dawson

Filed for record this 28<sup>th</sup> day of  
May A. D. 1963, at  
3:20 o'clock P. M.

Gordon W. Russell  
County Clerk and Recorder.

By Oliver Austin Deputy.

Fee pd. \$2.00

GW 2

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

DUPLICATE

Top of Ground  
Estimated 1600  
(Elev. above sea level)

RECEIVED

MAR 16 1964

County Dawson

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER

DEC 16 1968

# **Notice of Completion of Groundwater Appropriation by Means of ENGINEER**

(Under Chapter 237, Montana Session Laws, 1961)

Owner James Davis Address Lindsay Montana  
Driller Harold Gavin Address Lindsay Montana

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

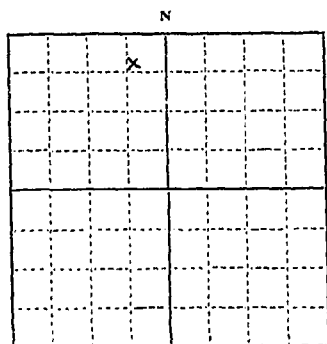
Date well started Oct. 14 1963 Date Completed Oct. 15 1963

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	4" I.D. 11-Lbs. F.R. Foot	0'	30'	slots cut in casing 3/16" X 3"	20'	30'



NW 1/4 Sec 26 T. 16 R. 51  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 17 feet.

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

Pumping Water Level 14 feet at 9 gal. per minute.

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

How Tested slush bucket Length of Test one hour

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

James Davis  
Driller's Signature

85  
Driller's License Number

Harold Gavin  
Driller's Signature

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

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

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

9176

1. DATE 10/10/68  
 2. TO SAC, NEW YORK  
 3. FROM SAC, NEW YORK  
 4. SUBJECT [REDACTED]  
 5. RE [REDACTED]

[illegible][illegible]

286247

STATE OF MONTANA  
County of Dawson

Filed for record this 13th day of December  
1963 A. D. 1963 at 1:15 o'clock P.M.  
Edgar W. Russell  
 County Clerk and Recorder.

By \_\_\_\_\_ Deputy.

GT

File No.

DUPLICATE

SECTION No. 7

RECEIVED

MAY 19 1964

T. 16 R. 51

County Dawson

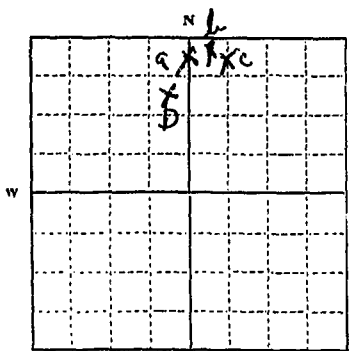
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 14 1964

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. James E. Davis, of Lindsay Montana  
Name of Appropriator (Address) (Town)  
County of Dawson State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N. 16 E. 1/2 Sec. 16 T. 51 R. 51

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 stock water, house water, for garden & stock water
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1921 con. to 1919 house & garden water only used during summer for livestock con.
- The amount of groundwater claimed (in miner's inches or gallons per minute) app. 1.0 gal 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 garden
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump & pump jack by house water app. 6, pump & pump jack & pump & pump jack
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater due to the age of these wells I do not have complete information
- The depth of water table about 28 to 34 feet
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater a about 32 feet & about 31 feet & about 30 ft. & about 28 ft
- The estimated amount of groundwater withdrawn each year about 1 million gallons
- 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 I don't know if any of these were recorded at early date

Signature of Owner James E. Davis  
Date 12-31-63

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.

31954



286848

286848

STATE OF MONTANA  
County of Dawson

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

Dorson H. Russell  
County Clerk and Recorder.

By Jay Schmitt Deputy.

GW

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

30-32

File No. ....

DUPLICATE

T. 16N 51E  
County Dawson

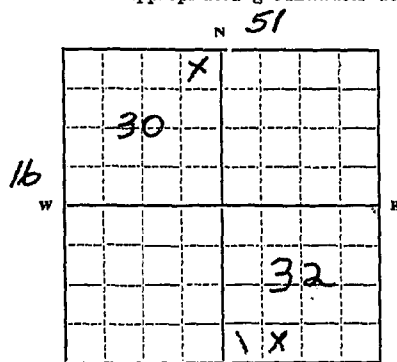
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
FEB 20 1962  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NE-NE 1/4 30-16-51  
SW 1/4 32-16-51

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

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

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been.....  
Sec 32 - 1952  
Sec 30 - 1958

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute).....  
32 - 10 gal  
30 - 8 gal

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

6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal.....  
30 Windmill  
32 Pump Jack & Elec Motor

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater.....  
Sec 32 1952  
Sec 30 1958

8. The depth of water table.....  
Sec 30 - 70' Sec 32 - 168'

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.....  
Sec 32 - 4" casing, 4' Depth  
Sec 30 - 4" casing, 4' Depth

10. The estimated amount of groundwater withdrawn each year.....  
Sec 30 140,000 gal  
Sec 32 240,000 gal

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

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

Signature of Owner.....  
Kenneth Liles  
Date.....  
Feb. 19, 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.

1505

278448

STATE OF MONTANA  
County of Dawson

Filed for record this 19<sup>th</sup> day of  
February A. D. 1962, at  
11:00 o'clock A. M.

Gordon W. Russell  
County Clerk and Recorder.

By Oliver Anstey Deputy.

Fee pd \$1.00

File No. ....

T. 16N R. 51E

DUPLICATE

County. Dawson

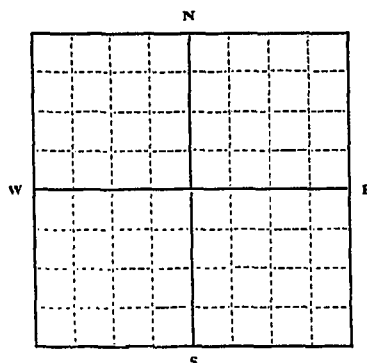
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 2 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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



SW 1/4, Sec. 31, T. 16N R. 51E

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 continuous the use has been. Continuous since 1957.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well, drilled in 1957.

8. The depth of water table. 35 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 45 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. None available.

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

Northern Pacific Railway Company

Signature of Owner. By J. P. Lutz  
Dist. Supervisor, Graz. and Cult.

Date. NOV 29 1963

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

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

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

286022

STATE OF MONTANA  
County of Dawson

Filed for record this 29<sup>th</sup> day of  
Nov A. D. 1962, at  
9:00 o'clock A. M.

Gordon W. Russell  
County Clerk and Recorder.

By Alice Austby Deputy.

Fee pd. \$ 2.00

49279

313840

STATE OF MONTANA

County of Dawson

Filed for record this 27<sup>th</sup> day of

July A. D. 19 76 at

11:25 o'clock a M.

Garth W. Russell

County Clerk & Recorder

By \_\_\_\_\_ Deputy

*Rec'd 2072 cc*

File No. ....

DUPLICATE

T. 16 R. 51

County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 3670)

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Bert Lehman Address Lindsay MontanaDriller H. J. Savin Address Lindsay Montana

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

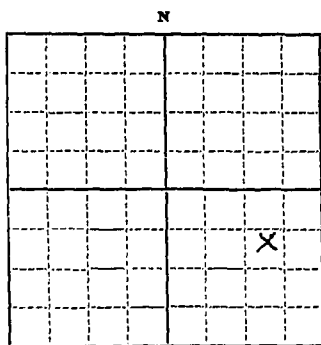
Date well started July 15-63 Date Completed July 17-63

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 inch	4 inch inside diameter 10.84 lbs per ft	0	82	slate cut in casing with cutting tool	61	82

SW NE 1/4 SE Sec. 36 T. 16 R. 51

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 33 feet.

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

Pumping Water Level 50 feet at 8 gal. per minute.

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

How Tested Flush Bucket Length of Test one hour

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

Bert LehmanDriller's License Number 85H. J. Savin

Driller's Signature

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

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

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



284800

Bert Lehman

to

The Public

Water Rights

STAT. OF MONTANA  
County of Dawson

Filed for record this 26<sup>th</sup> day of

August A. D. 1962, at

8:00 o'clock A. M.

Gordon W. Russell

County Clerk and Recorder.

By \_\_\_\_\_ Deputy.

Fee pt. \$2<sup>00</sup>

## GROUNDWATER INDEX

Page 1 of 1

County Dubuque Twp. 16 N Rge. 52 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
2	Highland, Andrew	57 Well Log	—	
3	Wicks, Jack	Hw 2	292823	
6	Cress, Joe L.	Lw 4	282548	
8	Dorand, Dan E. & Hattie	Lw 4	286742	
9	Dorand, Dan E. & Hattie	Lw 4	286742	See Sec. 8 Above
9	Dorand, Dan	57 Well Log	—	
11	Dorand, Jack & Betty L.	Hw 2	292682	
13	Jonas, R. W.	Hw 2	314328	
18	Cress, J. L.	57 Well Log	—	
18	Cress, Joe L.	Lw 4	282547	
18	Scheitlin, Robert	57 Well Log	—	
20	Scheitlin, Robert	57 Well Log	—	
24	Undem, Sig	Hw 2	300879	
24	Undem, Sigurd & Hudson	Lw 4	286884	
24	Undem, Sigurd & Hudson	Hw 3	286883	
29	Walker, R. D.	Lw 4	286546	
30	Walker, R. D.	Lw 4	286546	See Sec. 29 Above
31	Walker, R. D.	Lw 4	286546	See Sec. 29 Above
25	EDWARDS, KENNETH	GW 2	286895	

Form No. 18  
8-60

T. 16 R. 52

County Dawson

DEC 29 1961

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

10:30 A.M.

WATER WELL LOG

RECEIVED  
JAN 4 1962


Owner Andrew Highland Address Glendive Montana

Driller Harold Gavin Address Lindsay Montana

Date Started July 8 1961 Date Completed July 10 1961

Location: Sec. 2 T. 16 R. 52  $\frac{1}{4}$  sec. N.W.

STATE ENGINEER

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

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

Casing: 0 ft. to 104 ft. Type steel Size 4 inch

Casing:            ft. to            ft. Type            Size           

Casing:            ft. to            ft. Type            Size           

Perforated or Screened: Ft. 34 to ft. 104 Ft.            to ft.           

Type of screen or perforations slots cut in casing

Static Water level, for non-flowing well: 70 feet.

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

Pumping water level 80 feet at 7 gal. per min.

How tested: slush bucket

Length of test one hour

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

(over)

## Log of Well

[illegible]

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—42325

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

T. 16 R. 52E

DUPLICATE

LOG

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JUN 21 1965

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Jack Downs Address Lindsay Montana

Driller Harold Gavin Address Lindsay Montana

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

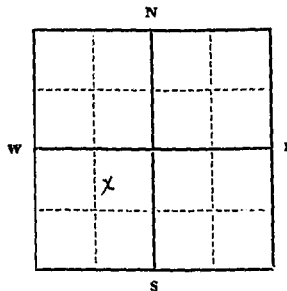
Date well started June 6-1965 Date completed June 9-1965

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	4" I.D. 11 lbs per ft	0	32	lots cut in casing 3" x 3" 1/4 x 3"	18	32



Static Water Level for non-flowing well \_\_\_\_\_ feet.

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

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

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

How Tested slush bucket

Length of Test one hour

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

S. 1/4 W. Sec. 3 T. 16 R. 52  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Harold Gavin  
Driller's Signature

39233

STATE OF MONTANA  
County of Dawson  
Filed for record this 18<sup>th</sup> day of June A.D. 19 05 at 5:30 o'clock P.M.  
Lordon W. Russell  
County Clerk & Recorder  
By Alice Aubrey Deputy

Fee pd. 2<sup>nd</sup>

File No. ....

T. 16 R. 52

DUPLICATE

County Dawson

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

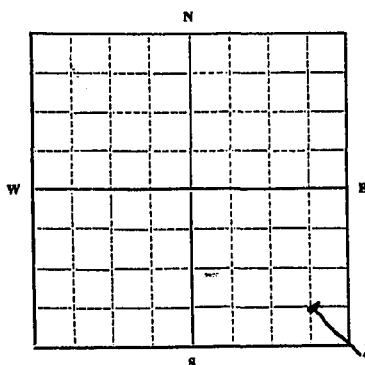
RECEIVED  
FEB 23 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Joe L. Bress, of Rte 2 Lindsay  
(Name of Appropriator) (Address) (Town)  
County of Dawson State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 Sec. 6 T. 16 R. 52

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

2. The beneficial use on which the claim is based Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1957 Every year
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 Electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1957
8. The depth of water table 40
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4" casing 40ft
10. The estimated amount of groundwater withdrawn each year 400,000 gals
11. The log of formations encountered in the drilling of each well if available Clay & Coal
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Joe L. Bress  
Date Feb. 21 1963

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

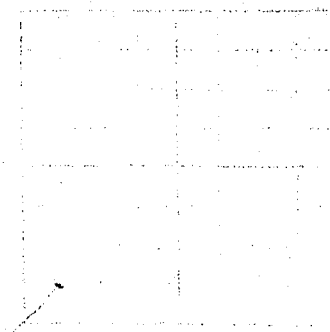
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

Registration of Vested Groundwater Rights

(This form must be filled out by the registrant)

*[Faint, mostly illegible text from the registration form, including fields for name, address, and description of the property.]*



282548

STATE OF MONTANA  
County of Dawson

Filed for record this 25<sup>th</sup> day of  
Feb. A. D. 1963, at  
9:00 o'clock A.M.

Lawson W. Russell  
County Clerk and Recorder.

By Alvin Austin Deputy.

Fee pd. 2.00



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

T. 16 R. 52

DUPLICATE

County Dawson

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

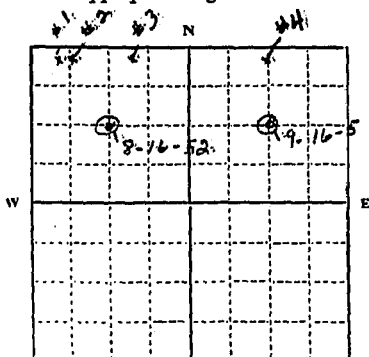
RECORDED  
JAN 14 1964  
STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Dan E. and Hattie Downs, of Lindsay, Montana,  
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 8 & T. 16 R. 52

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

2. The beneficial use on which the claim is based. Well # 1, domestic;  
Well #2, livestock; Well #3, livestock; Well #4  
livestock.

3. Date or approximate date of earliest beneficial use; and how continu-  
ous the use has been. #1, 1950, continuous; #2, 1910,  
continuous; #3, 1930, continuous; #4, 1956,  
continuous.

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute). #1, 5 gal. per min.; #2, 5 gal. per min.;  
#3, 5 gal. per min.; #4, 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  
None

6. The means of withdrawing such water from the ground and the loca-  
tion of each well or other means of withdrawal. #1, electric  
submersible; #2, electric pump jack; #3, electric  
pump jack; #4, gas motor pump jack

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater. #1, 1950; #2, 1910; #3, 1930; #4, 1956

8. The depth of water table. #1, 40'; #2, 40'; #3, 40'; #4, 20'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater. #1, Drilled, 6" casing and 160' deep; #2, Drilled  
6" casing and 160' deep; #3, Drilled, 6" casing and 120' deep; #4, drilled,  
4" casing, 36' deep

10. The estimated amount of groundwater withdrawn each year. Nos. 1, 2, 3, 4, wells each  
1,296,000 gallons per year

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

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

Signature of Owner Dan E. Downs  
Hattie Downs  
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.

31859

[illegible]

1. The purpose of this study is to determine the effect of the use of the computer on the learning of the English language.

2. The study was conducted in a classroom setting where the students were given a series of exercises to complete.

3. The results of the study show that the use of the computer had a positive effect on the learning of the English language.

4. The study also found that the use of the computer had a positive effect on the students' motivation to learn.

5. The study concludes that the use of the computer is an effective method for teaching the English language.

2000年12月15日  
 2000年12月15日  
 2000年12月15日

286742

STATE OF MONTANA  
County of Dawson

Filed for record this 30<sup>th</sup> day of December A. D. 1965, at 4:30 o'clock P.M.  
Garbo W. Russell  
County Clerk and Recorder.

By \_\_\_\_\_ Deputy.

RECEIVED

MAY 15 1959

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

		X	

Owner: Dan Downs Address: Lindsay Mont.  
Driller: H. J. Gavin Address: Lindsay Mont.  
Date Started: July 27 - 1958 Date Completed: July 30 - 1958  
Location: Sec. 9 T. 16 R. 52 1/4 sec. N.W.

Type of well: drilled Equipment used: churn  
(Dig. driven, bored, etc.) (Churn drill, rotary, other)

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

Casing: 0 ft. to 48 ft. Type: Heavy Steel Size: 4"  
Casing:        ft. to        ft. Type:        Size:         
Casing:        ft. to        ft. Type:        Size:       

Perforated or Screened: Ft. 27 to ft. 48 Ft.        to ft.       

Type of screen or perforation: its cut in casing

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

Well pressure, for flowing well: 36 lb./sq. in. on: 6 (date)

Pumping water level: 36 feet at 6 gal. per min.

How tested: slush bucket

Length of test: 0.5 hour

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

(over)

## Log of Well

[illegible]

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—42329

File No. ....

T. 16 N. R. 52 E

DUPLICATE

LOG

County.....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER JUN 7 1965

Top of Ground

(Elev. above sea level 2650)**Notice of Completion of Groundwater  
Appropriation by Means of Well**  
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

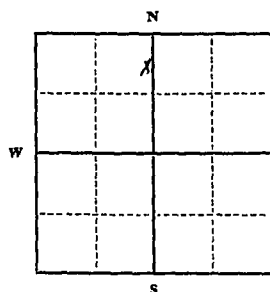
Owner Jack Downs + Betty L. Downs Address Lindsay MontanaDriller Harold Gavin Address Lindsay Montana

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

Date well started March 5-1965 Date completed March 13-1965Type of well drilled Equipment used churn  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	4" I.D. 11 lbs. per ft.	0	133	slots cut in casing 3/4" x 3"	112	133

Static Water Level for non-flowing well 78 feet.

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

Pumping Water Level 103 feetat 6 gal. per minute.

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

How Tested slush bucketLength of Test one hour

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

Jack + Betty L. Downs by Betty L. Downs

(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).

STATE OF MONTANA

COUNTY OF.....

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

Harold Gavin  
Driller's Signature

39182

(Lined) (Original) (Copy) (Duplicate)  
 This is to certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of the County of Dawson, State of Montana.  
 Witness my hand and the seal of said County this 1st day of June, 1965.  
 County Clerk  
 By \_\_\_\_\_ Deputy

292682

STATE OF MONTANA

County of Dawson

Filed for record this 4th day of June

A. D. 19 65

1200

o'clock

M

Gordon W. Russell

County Clerk

By \_\_\_\_\_ Deputy

DEC 16 1971

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 R D Jones  
Address Glendive Montana  
Date well started July 12-1971  
completed Dec. 10-1971

For Administrator's Use	
File	<u>314328</u>
	<u>December 15, 1971</u>
	<u>3:45 PM</u>
GW 1	

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

Equipment used Churn  
(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

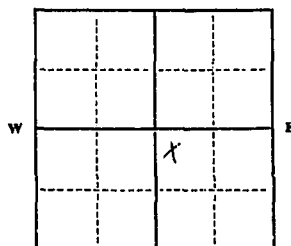
Industrial ☐ Drainage ☐ Other ☐ \* Garden/Lawn ☐

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
5"	4" I.D.	0	213	Kind Size
	10 1/2 lbs. per ft.			From (Feet)
	3" I.D.	213	310	To (Feet)
	7 lbs per ft.			



9 1/4 Sec. 13  
T. 16 N. R. 52 E.  
S W

Static water level 140 ft.\*  
Pumping water level 120 ft.\*  
at 4 gallons per minute,  
measured 300 minutes after pumping began.  
\*Measured from ground level.  
Well developed by blowing pump  
for 5 hours.  
Power 5 Pump 5 HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature R D Jones

Driller's Address Glendive Montana

Montana LICENSE NO. 85

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
6	5	sandy loam
5	6	hard mud
6	32	clay
32	34	sand
34	60	clay
60	67	rock
67	170	clay
170	174	rock
174	175	clay
175	180	rock
180	193	clay
193	205	sand & clay mix
205	209	clay
209	213	rock
213	224	clay
224	230	sand & clay mix
230	290	clay
290	297	sand
297	310	clay

310' Show exact depth of bottom

49597

314328

STATE OF MONTANA  
County of Dawson  
Filed for record this 15<sup>th</sup> day of  
December A. D. 19 71 at  
3:45 o'clock P. M.  
Herbert H. Russell  
County Clerk & Recorder  
By Herbert H. Russell Deputy

Sw 2<sup>nd</sup> Pd



**RECEIVED**

MAY 15 1959

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

STATE ENGINEER

WATER WELL LOG

T. 16 R. 52  
County Dawson

18


Owner J. L. Cress Address Lindsay Montana  
Driller R. J. Gavin Address Lindsay Montana  
Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_  
Location: Sec. 18 T. 16 R. 52 1/4 sec. N.E.

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

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

Casing: 2 ft. to 53 ft. Type \_\_\_\_\_ Size \_\_\_\_\_

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

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

Perforated or Screened: Ft. 33 to ft. 53 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations slots cut in casing

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

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

Pumping water level 20 feet at 7 gal. per min.

How tested: slush bucket

Length of test: one hour

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(over)

[illegible][illegible]

File No. ....

T. 16 R. 52

DUPLICATE

County Dawson

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

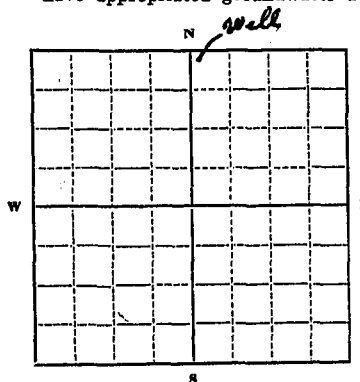
RECEIVED  
FEB 23 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Joe L. Cress (Name of Appropriator), of Rte 2 Lindsay (Address) (Town)  
County of Dawson State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 18 T. 16 R. 52

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1958 every year.

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

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

8. The depth of water table. 60 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. 4" casing 60 ft.

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

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

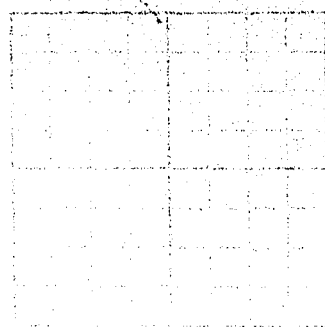
Signature of Owner. Joe L. Cress

Date Feb 21, 1963

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

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

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



282547

STATE OF MONTANA  
County of Dawson

Filed for record this 25<sup>th</sup> day of  
Feb A. D. 1963, at  
9:00 o'clock A.M.

Gordon W. Russell  
County Clerk and Recorder.

By Alice Anstey Deputy.

Fee pd. 2<sup>00</sup>

Form No. 18  
8-60

T. 16 R. 52  
County Dawson

DEC 29 1961  
10:00 AM

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 4 1962

WATER WELL LOG

STATE ENGINEER


Owner Robert Scheitlin Address Lindsay Montana  
Driller Harold Gavin Address Lindsay Montana  
Date Started \_\_\_\_\_ Date Completed July 1943  
Location 1/4 Sec. 3, T. 16 N. R. 52 E. S. 16.

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

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

Casing: 0 ft. to 90 ft. Type steel Size 1/4 inch

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

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

Perforated or Screened: Ft. 70 to ft. 90. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations slots cut in casing

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

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

Pumping water level 80 feet at 6 gal. per min.

How tested: plunger pump

Length of test 5 hours

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

we do not know the exact date this well was drilled, it has been in use most of  
the time since it was drilled and has never been pumped dry.

(over)

## Log of Well

[illegible]

Form No. 18  
8-60

DEC 29 1961

10:00 AM

T. 16 R. 52

County Lawson

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 1 1962

WATER WELL LOG

STATE ENGINEER

	X	

Owner Robert Schindler Address Lindsay, Montana

Driller Harold Garvin Address Lindsay, Montana

Date Started \_\_\_\_\_ Date Completed August 1952

Location: Sec. 20 T. 16 R. 52  $\frac{1}{4}$  sec. N.E.

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

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

Casing: 0 ft. to 45 ft. Type Steel Size 4 inch

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

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

Perforated or Screened: Ft. 45 to ft. 65. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations Slots cut in casing

Static Water level, for non-flowing well: 35 feet.

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

Pumping water level 55 feet at 1 1/2 gal. per min, \_\_\_\_\_

How tested: Pump

Length of test 6 hours

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

(over)

## Log of Well

[illegible]



GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—2329

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

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

DUPLICATE

County Dawson

LOG

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)

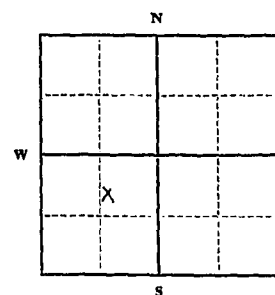
Owner Ed Under Address Co. St. Wendie, MoDriller Donald R. Leppert Address Linley, Montana

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

Date well started 3/24/67 Date completed 3/26/67Type 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)
4 1/2"	4" 11	0	142	1/8" slots	135	142



1/4 Sec. 24 T16 R52  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water level for non-flowing well 141 feet.

Shut-in Pressure for Flowing Well 141 feet.

Pumping Water Level 135 feet at 4 gal. per minute.

Discharge in gal. per min. of flowing well not applicable

How Tested bailed & purged

Length of Test 2 1/2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) none

(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).

ANATOMY TO STATE

Draw to scale

Scale: 1" = 40' of bottom.

This form is required by statute and three copies to be filed by the owner with the County Clerk, the State Engineer and the County in which the well is located, tissue copy to be retained by owner.

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

1. Driller's License Number

Signature

42,554



File No. ....

T. 16 R. 5R

DUPLICATE

County Dawson

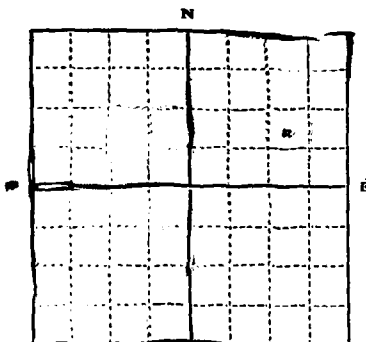
STATE OF MONTANA  
ADMINISTRATOR OF ~~GROUNDWATER~~ ~~CODE~~  
OFFICE OF STATE ~~ENGINEER~~

RECEIVED  
JAN 14 1964  
STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Sigurd and Andrew Jenderson, of C.B. Pt Blondine  
(Name of Appropriator) (Address) (Town)  
County of Dawson State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NE 1/4 Sec 24 T. 16 R. 5R

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 around 1910-19124. 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 Pump7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not available8. The depth of water table 15 to 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 hand dug 3 ft rock casing and cement10. The estimated amount of groundwater withdrawn each year 250,000 gallons11. The log of formations encountered in the drilling of each well if available none available12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not available

Signature of Owner

Sigurd Jenderson  
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; Triplicate to the Montana Bureau of  
Mines and Geology, and Quadruplicate for the Appropriator.

31990

286884

STATE OF MONTANA  
County of Dawson

Filed for record this 3<sup>rd</sup> day of  
December, A. D. 1963, at  
3:30 o'clock P. M.

Gordon H. Russell  
County Clerk and Recorder.

Ray Scheutlin Deputy.