

File No. MONTANA WATER RESOURCES BOARD

T. 31 R. 31

RECEIVED  
JUN 5 1968

County Lincoln

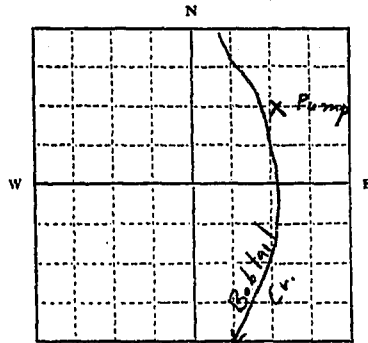
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

### Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

- I, William H. Hardgrove, of Rt. 2, box 439 Libby  
(Name of Appropriator) (Address) (Town)  
County of Lincoln, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
- The beneficial use to which water is to be applied is irrigation  
for vegetable garden and miscelleneous  
(describe lands to be benefited, if for irrigation)
- The rate of use in gallons per minute or miner's inches of groundwater claimed four g/m
- The annual period (inclusive dates) of intended use April thru October
- The probable or intended date of first beneficial use May 30, 1968
- The probable or intended date of commencement and completion of the well\* or wells\*  
No wells.... pump from creek
- The location, type, size and depth of well or wells contemplated  
none at this time
- The probable or estimated depth of the water table or artesian aquifer NONE
- Name, address and license number of the driller engaged none
- Give such other similar information as may be useful in carrying out the policy of this act.

NONE



NE 1/4 Sec. 5 T31N R31W

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator Wm. Hardgrove

Date 6-30-1968

\* As defined in the CoCe Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

Three copies of this notice are to be filed with 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.

44191

638

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 31 day of

May A. D. 1968

at 1:40 P. M.  
Glenn S. Vaughn  
County Clerk

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

[Faint, illegible text from the reverse side of the document, possibly a deed or legal notice, including phrases like "I hereby certify that the foregoing is a true and correct copy of the original as the same appears from the records of the County Clerk of Lincoln County, Montana."]

RECEIVED  
JUL 3 1973

County Lincoln

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.

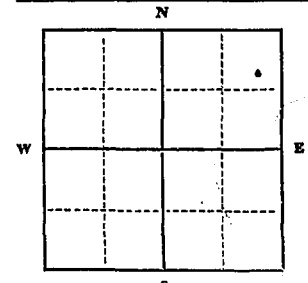
Owner Raymond Johnson  
 For Administrator's Use  
 Address Rt. 1, Box 438 File 979  
Libby, Mont. June 28, 1973  
 Date well started 8-12-65 GW 1 9:05 AM  
 completed 8-16-65

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		
				Kind Size	From (Feet)	To (Feet)
<u>6 5/8</u>	<u>6 5/8</u> <u>17#</u>	<u>0</u>	<u>55'</u>	<u>1/2" Round</u>	<u>50'</u>	<u>55'</u>



Static water level 12 ft.\*  
 Pumping water level 50 ft.\*  
 at 2 1/2 gallons per minute,  
 measured \_\_\_\_\_ minutes after pumping began.  
 \*Measured from ground level.  
 Well developed by Barler  
 for 2 hours.  
 Power \_\_\_\_\_ Pump \_\_\_\_\_ HP  
 Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_

S6 NE 1/4 NE 1/4 Sec. 5  
T. 31 N R. 31 W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 1/40 ACRES.

Driller's Signature Chaffin Barber  
 Driller's Address Box 112 Libby  
 LICENSE NO. 141

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)	
<u>0</u>	<u>6</u>	<u>Top Soil</u>
<u>6</u>	<u>37</u>	<u>Gravel</u>
<u>37</u>	<u>40</u>	<u>Hard Shell</u>
<u>40</u>	<u>55</u>	<u>Water Sand-Boulders</u>
<u>55</u>		<u>Bed Rock</u>

55' Show exact depth of bottom

54944

979

FILED IN THE OFFICE OF THE COUNTY CLERK

STATE OF MONTANA  
COUNTY OF LINCOLN  
RECORDS AND CLERK'S OFFICE  
2010 W. MAIN ST. SPOKANE, IDAHO

Handwritten notes and signatures, including "C. M. ...".

Administrative checkboxes and fields:  Original,  Duplicate,  ...

STATE OF MONTANA  
COUNTY OF LINCOLN  
Filed this 28<sup>th</sup> day of June  
at 9:05 am A. D. 1923  
By Edward L. Vaughn County Clerk  
Verde & Hyman Deputy

ORIGINAL

GW 2

File No. ....

DUPLICATE

LOG

RECEIVED

MAY 21 1973

Approved Stock Form—State Publishing Co., Helena, Montana—4855'

T. 31 R. 31

County Lincoln

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE STATE WATER CONSERVATION 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)

Owner: LeRoy C. Thom Address Libby RR. 2 Bx 345

Driller: Address: .....

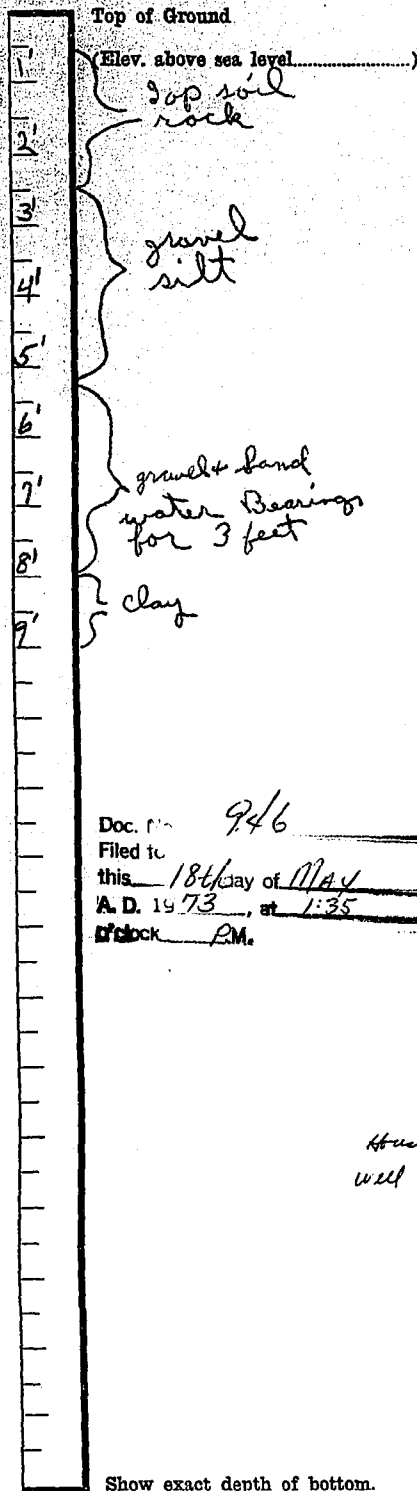
Date of Notice of appropriation of groundwater: .....

Date well started: Aug 23-68 Date completed: Aug 25-68

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

Water use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ] Industrial [ ] Drainage [ ] Other [ ]

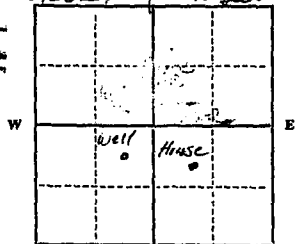
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6'	4" 24 gauge	0	8	1/4 x 10	4'	8'

Doc. No. 946 Filed in this 18th day of May A. D. 1973 at 1:35 P.M.

E 1/2 Sec 9 & W 1/2 Sec 10



Static Water Level for non-flowing well 4' feet. Shut-in Pressure for Flowing Well. Pumping Water Level 3' feet at 20 gal. per minute. Discharge in gal. per min. of flowing well

How Tested: gas pump Length of Test: 1 hr

House SE 1/4 NW 1/4 SW 1/4 - Sec 10 - T31R31 Well NE 1/4 SE 1/4 Sec 9 T31 R31

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

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).

domestic

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

L. C. Thom Driller's Signature

53,213

#946 INDEXED

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 18 day of

May 1913 A. D. 1913

at Helena County Clerk

By Edmond J. Vaughan Deputy

RETURN TO SHERIFF  
SHERIFF W. W. WOODS  
COUNTY CLERK'S OFFICE  
HELENA, MONTANA

RETURNED TO SENDER  
BY REGISTERED MAIL

RECEIVED  
MAY 18 1913

RECEIVED  
MAY 18 1913

RECEIVED

County Lincoln

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

JUN 12 1973

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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.

(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 John Sundblad

Address Box 580  
Libby, MT 59923

Date well started 1966  
completed 1966

For Administrator's Use	
File	<u>958</u>
Date	<u>June 16, 1973</u>
GW 1	<u>1:15 PM</u>

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

Equipment used Back Hoe  
(Churn drill, rotary or other)

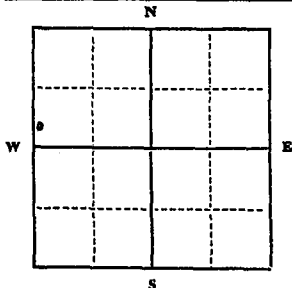
Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \* Garden/Lawn

\*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		
				Kind Size	From (Feet)	To (Feet)
<u>3 feet</u>	<u>3 ft diam</u>	<u>ground level</u>	<u>- 8 ft</u>	<u>2 inch</u>	<u>- 5 ft</u>	<u>- 8 ft</u>



Static water level 1 ft.\*  
Pumping water level 3 ft.\*  
at 3.0 gallons per minute,  
measured 2 minutes after pumping  
began.

\*Measured from ground level.  
Well developed by \_\_\_\_\_  
for \_\_\_\_\_ hours.  
Power Electric Pump 1 1/2 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

S.W. 1/4 N.W. 1/4 Sec. 10  
T. 31 N. R. 31 E.  
S W

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

Driller's Signature \_\_\_\_\_

Driller's Address \_\_\_\_\_

LICENSE NO. \_\_\_\_\_

Show exact depth of bottom

53,450

#958 INDEXED

FILE TO THIS FILE ONLY  
 ORIGINAL  COPY  INDEXED  SERIALIZED  FILED

PLACED IN THIS FILE BY THE CLERK OF THE DISTRICT COURT OF LINCOLN COUNTY, MONTANA, ON \_\_\_\_\_ 19\_\_

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 11 day of June A. D. 1973

at 1:15 P. M.  
Glenn A. Taylor  
County Clerk

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



GW

Approved Stock Form—State Publishing Co., Helena, Montana—40876

T 31 N B 31 W O 10  
County Lincoln

File No. ....

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

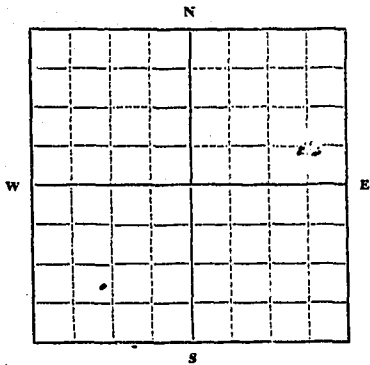
RECEIVED  
MAR 5 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Alan Iverson, of Box 355 Libby  
(Name of Appropriator) (Address) (Town)  
County of Lincoln State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 10 T. 31 R. 21

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 & sprinkling

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Sept 1, 1961

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. March 1, 1961 June 30 1961

8. The depth of water table. 375 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.

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

11. The log of formations encountered in the drilling of each well if available.  
0-185 Gravel & mu. siltstone 318-335 Sandstone  
186-249 r + most clay 335-340 gravel & bluish  
249-298 - fine sand 340-375 - gravel + siltstone  
299-317 - clay - sand - gravel + rock

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 Alan Iverson

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.

35056

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 31<sup>st</sup> day of

December A. D. 1963

at 9:43 A.M.

M. M. Mansfield  
County Clerk

By Verde Lightner  
Deputy

326 ENDED

CIVIL ENGINEER

T. 31 R. 31  
 County Lincoln

DUPLICATE

SEP 14 1966

Billie \_\_\_\_\_ McDermott \_\_\_\_\_  
 B. \_\_\_\_\_ M. Bailey \_\_\_\_\_  
 C. \_\_\_\_\_ M. Brown \_\_\_\_\_  
 Dickert \_\_\_\_\_ Sullivan \_\_\_\_\_

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

Top of Ground \_\_\_\_\_  
 (Elev. above sea level \_\_\_\_\_)

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

(Under Chapter 237, Montana Session Laws, 1961)

40' Sand, gravel, boulders  
60' Clay + Rock  
65' Gravel  
70' Hard Shell  
76' Rock sand + clay  
88' Brown silt  
96' Sandy "  
 Silt + clay  
121' Brown clay  
137' Gravel + clay  
154' Brown clay  
163' Sandy silt  
177' Very hard shale  
185' Rock + clay  
200' Hard shale  
205' Rock + clay  
220' Very hard rock  
 Harder rock  
235' Hard "  
 Sandy shale + rock  
260' Hard Clay  
298' Hard sand  
307' Br. clay  
314' + rock  
365' Sand  
372' clay  
387' Water

Owner Newell Goucher Address Libby, Mont.  
 Driller C & H Plumbing Address Libby, Mont.

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

Date well started \_\_\_\_\_ Date Completed \_\_\_\_\_

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)
6 5/8"	6 5/8" - 17"	0	238.6			
6 7/8"	4 - 14"	238.6	387	1/2" Rd	371	376

Static Water Level for non-flowing Well 35 feet.

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

Pumping Water Level 20 feet at 10 gal. per minute.

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

How Tested Baloo Length of Test 2 hrs.

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

Gravel pack 376 - 387

141  
 Driller's License Number  
Clifford J. Bender  
 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.

41,399

562

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 12th day of  
September A. D. 1966  
at 1:35 P.M.  
By Charles P. Vaughn County Clerk  
Mae Stalton Deputy

Dates Completed  
& started  
7.

File No. ....

T. 31 N. R. 31 W. 19  
County Lincoln

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

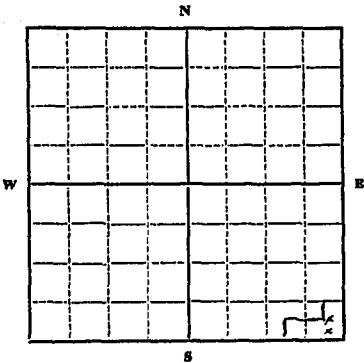
RECEIVED  
FEB 17 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Day, Norman V. & Bettie H. of Rt #1 Bc-16-65 Libby  
(Name of Appropriator) (Address) (Town)  
County of Lincoln State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 19 T. 31 R. 31

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

4 - E 1/4 SE 1/4 SE 1/4 SE 1/4 SW 1/4 SE 1/4 SE 1/4 SE 1/4 SE 1/4 SW 1/4 SE 1/4 SE 1/4 SE 1/4

2. The beneficial use on which the claim is based Household, irrigation, watering stock, lawns, gardens, etc.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 1956, used daily from this date.

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 10 acres - Flat gravelly pasture land. Owner - Day, Norman V. & Bettie H.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1/2 HP Pump, see location at left on plat. 1 HP " " x - walls

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

8. The depth of water table 25'

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 1/2" pipe Driven 30'. 2 " " " 32'.

10. The estimated amount of groundwater withdrawn each year 30 million gallons

11. The log of formations encountered in the drilling of each well if available. 25' Gravel 2' Hard pan 6' water

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. Page 25 line 13

Signature of Owner Norman V. Day Bettie H. Day

Date 12/29/63

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.

*[Faint, mostly illegible text from the reverse side of the document, appearing as bleed-through.]*

CIVIL ENGINEER  
304  
RECEIVED

STATE OF MONTANA  
COUNTY OF LINCOLN  
Filed this 30th day of  
December A. D. 1963  
at 12:59 P. M.  
by M. M. Mansfield County Clerk  
Mae Walker Deputy

RECEIVED

County Lincoln

NOV 23 1970

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

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

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Glen Vinson

Address Libby, Montana

Date well started Sept. 4, 1970

completed Sept. 5, 1970

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn

(Churn drill, rotary or other)

Water Use: Domestic  Municipal  Stock  Irrigation

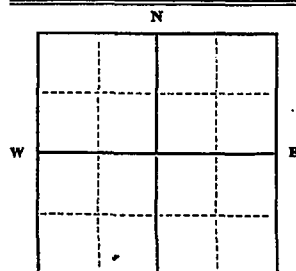
Industrial  Drainage  Other \* Garden/Lawn

\*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 100,000 Gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I.D.	6 5/8" G.D. 17.00 lbs. per foot	0	29	None		



Static water level 16 ft.\*  
Pumping water level 19 ft.\*  
at 15 gallons per minute,  
measured ..... minutes after pumping began.

\*Measured from ground level.  
Well developed by Pump  
for 2 hours.

Power elec. Pump 1 HP

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

Part of lot 6  
SE 1/4 Sec. 19, T. 31, R. 31, S. 19, E. 19

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

Driller's Signature Wm. D. Lake

Driller's Address Libby, Montana

LICENSE NO. 152

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	Description
0	1	Topsoil
1	11	Sand
11	19	Clay, Gravel and Boulders
19	29	Sand & Gravel with Water

29 Show exact depth of bottom

47791

# 757

INDEXED

DEPARTMENT OF REVENUE  
DIVISION OF COMMISSIONER OF REVENUE  
MONTANA  
STATE OF MONTANA

REVENUE DEPARTMENT  
DIVISION OF COMMISSIONER OF REVENUE  
MONTANA  
STATE OF MONTANA

REVENUE DEPARTMENT  
DIVISION OF COMMISSIONER OF REVENUE  
MONTANA  
STATE OF MONTANA

REVENUE DEPARTMENT  
DIVISION OF COMMISSIONER OF REVENUE  
MONTANA  
STATE OF MONTANA

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 10th day of  
November A. D. 1920  
at 11:50 P. M.  
By Eileen K. Vaughan County Clerk  
Pat Jewell Deputy

Table with multiple columns and rows, likely a ledger or record book, containing faint text and numbers.



File No. ....

T 31 N R 31 W

DUPLICATE

County Lincoln

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

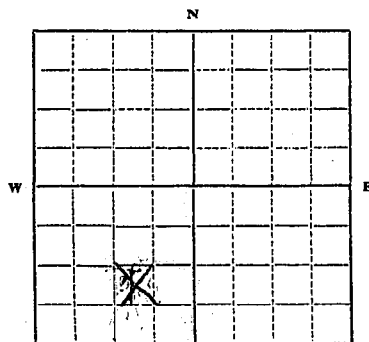
RECEIVED  
NOV 1 1963

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. VERNARD V THOMAS, of 921 TERRA BELLA MT. VIE  
(Name of Appropriator) (Address) (Town)  
County of SANTA CLARA State of CALIFORNIA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



W 1/4 NW 1/4 SE 1/4 SW 1/4  
2 1/4 Sec 20 T.31 R.31

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  
HOUSE HOLD

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1957  
periodic

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 gpm per acre

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  
jet pump

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

8. The depth of water table 25 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  
5 1/2 inch casing 51 ft in depth

10. The estimated amount of groundwater withdrawn each year unknown

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

Signature of Owner Vernard Thomas

Date OCT 28 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.

6742

CIVIL ENGINEER  
146  
REGISTERED

STATE OF MONTANA  
COUNTY OF LINCOLN  
Filed this 28th day of  
October A. D. 1963  
9:30 P. M.  
By Wm. Marshall County Clerk  
Mac. W. Allen Deputy

File No. ....

T. 31 N R. 31

DUPLICATE

County Lincoln

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

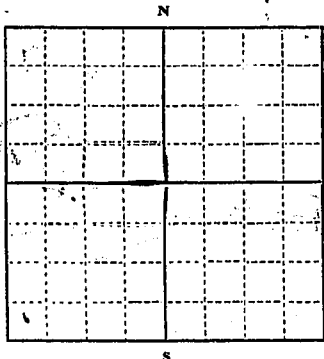
RECORDED  
JAN 27 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alfred M. & Lucille Riley, of Rt 1 Box 16-60 Libby  
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 20 T. 31 R. 31

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 Household and yard & lawn

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 0491 - 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2925 GPM

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

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

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

8. The depth of water table 25 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. 2 1/2" dia - 41' deep

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

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

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 Lucille Riley  
Alfred M. Riley  
Date 12-23-63

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.

219

INDEXED

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 23rd day of

December A. D. 1962

at 3:05 P. M.

by M. M. Mansfield  
County Clerk.

By W. H. Patton  
Deputy

File No. ....

T. 31 N. R. 31

DUPLICATE

County Lincoln

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

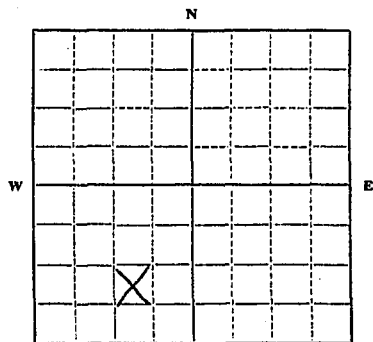
RECEIVED  
NOV 1 1963

Declaration of Vested Groundwater Rights  
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. *Mr. & Mrs. Gus H. Zupplendorf* of *St. I Box 16-54* *Ledy*  
(Name of Appropriator) (Address) (Town)

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



*E 1/2 SW 1/4 S W 1/4*  
Sec. 20 T. 31 R. 31

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. *Household, garden, lawn*

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) *7 gals per minute*

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof *3 acres*

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. *1 ft pump*

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

8. The depth of water table. *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. *4 in casing, 4.8 ft*

10. The estimated amount of groundwater withdrawn each year.

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 any county record.

Signature of Owner *Gus H. Zupplendorf*  
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.

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

T. 31 R. 31

DUPLICATE

County Lincoln

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

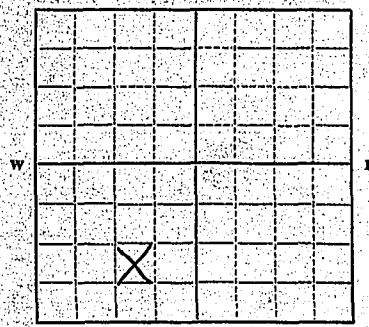
RECEIVED  
NOV 1 1963

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

*Ernest H. Zuhlendorf*  
Ernest H. Zuhlendorf (Name of Appropriator) 517 J. Br. 16-54 (Address) (Town)

County of Lincoln State of Montana

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



*E 1/2 SW 1/4 S 31 W 1/4*  
1/4 Sec 20 T. 31 R. 31

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: *Household, gardening, lawn*

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: *1958, continuous*

4. The amount of groundwater claimed (in miner's inches or gallons per minute): *7 gals per minute*

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: *3 acres*

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

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

8. The depth of water table: *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: *4-in casing, 4.6 ft*

10. The estimated amount of groundwater withdrawn each year: \_\_\_\_\_

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: *Ernest H. Zuhlendorf*  
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.

CIVIL ENGINEER

147  
RECORDED

STATE OF MONTANA  
 COUNTY OF LINCOLN  
 Filed this 28th day of  
October A. D. 1963  
 at 9:35 A.M.  
M. J. Mansfield County Clerk  
 By Max Moran Deputy

File No. ....

T. 21 R. 21

DUPLICATE

County Lincoln

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

R

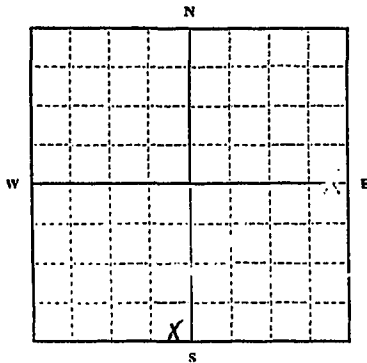
JAN 27 1964

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Clyde L. Alice Carpenter, of Box 161 Libby  
(Name of Appropriator) (Address) (Town)

County of Lincoln 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. 20 T. 31 R. 31

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 irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Approx. 1903

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

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 Approx. one acre personally owned.

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

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

8. The depth of water table Approx. 30 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 Driven well, with two inch pipe. Other information unavailable due to parties deceased.

10. The estimated amount of groundwater withdrawn each year Approx. 15,000 gallons yearly.

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

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 information recorded aware of no purveyors of which information can be obtained.

Clyde L. Alice Carpenter  
Signature of Owner  
Alice H. Carpenter his dth. inft.  
Date Dec 26, 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.

33927



# 235

STATE OF MONTANA  
COUNTY OF LINCOLN  
Filed this 26 day of  
December A. D. 1913  
at 2:45 P. M.  
W. M. Mansfield County Clerk  
By Eleanora Vaughn Deputy

File No. ....

T 31 W R 31 W 20

DUPLICATE

County Lincoln  
**RECEIVED**  
OCT 29 1964

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground  
(Elev. above sea level.....)  
0-17 Clay rocks  
17-29 Brn. clay  
27-29 Hard shell  
29-43 Water Sand

Owner Clay Carpenter Address Libby Mont.  
Driller Don McLendon Address Plumbing

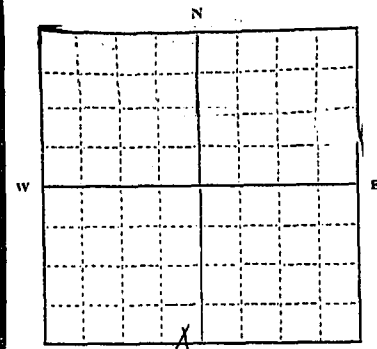
Date of Notice of Appropriation of Groundwater.....  
Date well started 2-18-64 Date Completed 2-20-64

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)
<u>6 5/8</u>	<u>6 5/8</u> <u>17 lb.</u>	<u>0</u>	<u>43</u>	<u>1/2" x 6" x 6 ft.</u>		



S.E. 1/4 Sec. 20, T. 31 R. 31  
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.....feet at.....gal. per minute.

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

How Tested Balled Length of Test to top

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

#141  
Driller's License Number  
Donald S. McLendon  
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.

38615

FILE NO.	DATE	DESCRIPTION	INITIALS
140	10/22	...	...
141	10/23	...	...
142	10/24	...	...
143	10/25	...	...
144	10/26	...	...
145	10/27	...	...
146	10/28	...	...
147	10/29	...	...
148	10/30	...	...
149	10/31	...	...

RECEIVED  
 COUNTY CLERK  
 LINCOLN COUNTY  
 MONTANA  
 SEP 25 1964  
 3:15 P.M.  
 M. M. Mansfield  
 County Clerk  
 Mae Staller  
 Deputy

STATE OF MONTANA  
 COUNTY OF LINCOLN  
 File No. 25th day of  
September A. D. 1964  
 at 3:15 P. M.  
 By M. M. Mansfield  
 County Clerk  
Mae Staller  
 Deputy

472

INDEXED

File No. STATE WATER CONSERVATION BOARD

T. 31 N. R. 31

DUPLICATE

JAN 21 1966

County Lincoln

Name: McDermott  
Butcher: \_\_\_\_\_  
Top of Ground: \_\_\_\_\_  
Parlin: \_\_\_\_\_  
Sullivan: \_\_\_\_\_  
(Elev. above sea level: \_\_\_\_\_)

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0  
2 top soil  
12 Gravel  
25 Hard pan  
28 Hard shell  
water sand.  
38 Bottom

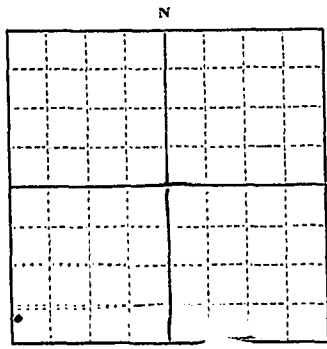
Owner: Ray Bitterman Address: Libby Montana  
Driller: C. L. Plumbing Address: Libby Montana

Date of Notice of Appropriation of Groundwater: \_\_\_\_\_  
Date well started: 6/2/65 Date Completed: 6/3/65  
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)
6 5/8" OD"	6 5/8" OD" 17#	-0-	-38-	1/2" Round	34'	38'



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

Static Water Level for non-flowing Well: 18 feet.  
Shut-in Pressure for Flowing Well: \_\_\_\_\_  
Pumping Water Level: 12 feet at 15 gal. per minute.  
Discharge in gal. per min. of flowing well: 10  
How Tested: baled Length of Test: 1 hr

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

Show exact depth of bottom.

141  
Driller's License Number  
Clifford J. Bucher  
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.

40774

# 530

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 7<sup>th</sup> day of

January A. D. 1966

at 1:30 P. M.

By Eleanor D. Vaughn

County Clerk

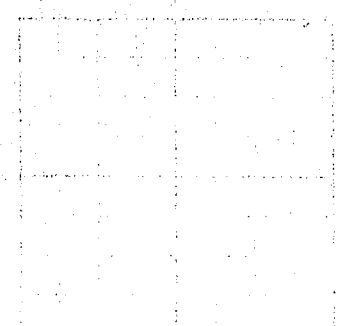
By \_\_\_\_\_

Deputy

Vertical text on the left margin, possibly a date or reference number, including "1966" and "1-7-66".

Vertical text on the left margin, possibly a name or title.

Vertical text on the left margin, possibly a name or title.



Faint vertical text on the right side of the diagram area, possibly a description or reference.

File No. ....

T. 31N R. 31W

DUPLICATE

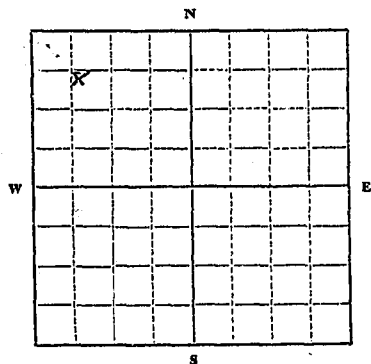
County Lincoln

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 19 1968  
STATE ENGINEER

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

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



NW 1/4 Sec. 25, T. 30N, R. 31W

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

2. The beneficial use on which the claim is based. Domestic Use and Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. July 1963 to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10 in. 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. Tract #7 etc. (see description)

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 1/2 hp electric Pump; 1 in. pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. began June 1963, completed July 1963

8. The depth of water table. 10'

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. dug well; casing and cement, foundation and crib; dipped by electric meter

10. The estimated amount of groundwater withdrawn each year. 15,000 gallons

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

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

Signature of Owner s/ Kay McCann

date December 17, 1968

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.

FILE NO. \_\_\_\_\_

T. 31N R. 31W

DUPLICATE

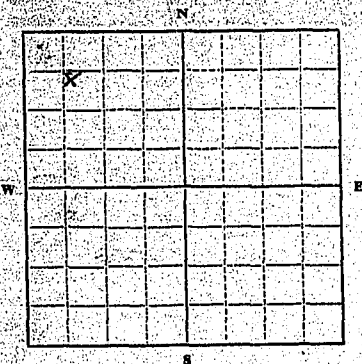
County Lincoln

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 19 1968  
STATE ENGINEER

Declaration of Vested Groundwater Rights  
(Under Chapter 297, Montana Session Laws, 1961)

I, Kay McCann (Name of Appropriator) of Libby Montana (Town)  
County of Lincoln State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW NW Sec. 25, T. 30N R. 31W

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

2. The beneficial use on which the claim is based Domestic Use and Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1963 to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 in. 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 Tract #7 etc. (see description)

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1/2 hp electric Pump; 1 in. pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater began June 1963, completed July 1963

8. The depth of water table 10'

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 dug well; casing and cement, foundation and crib; dived by electric meter

10. The estimated amount of groundwater withdrawn each year 15,000 gallons

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

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

Signature of Owner s/ Kay McCann

Date December 17, 1968

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.

1039-5

RECEIVED  
1913

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 17th day of  
December A. D. 1913

at 12:45 P.M.  
W. J. Mansfield  
County Clerk  
Mac Walsh  
Deputy



File No. ....

T. 31 R. 31

DUPLICATE

County Lincoln

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

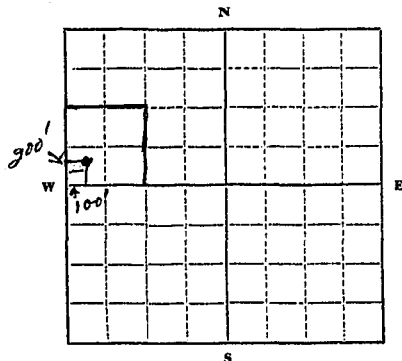
RECEIVED  
OCT 14 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



NW 1/4, Sec 26, T. 31, R. 31

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.....  
irrigation, House hold use, stock use

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

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.....  
2 acres, more or less, located in SW 1/4 Section 26, T. 31, R. 31, M.P.M.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
commenced September 1952; finished Feb. 1954

8. The depth of water table.....  
259 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.....  
drilled well; 273 feet; 6" casing

10. The estimated amount of groundwater withdrawn each year.....  
241,000 gallons

11. The log of formations encountered in the drilling of each well if available.....  
3' top soil; 50' sand; 100' yellow clay; 100' blue clay; 20' sand and gravel

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

Signature of Owner W. Warren Robbe

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.

139

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 11th day of  
October A. D. 1963

at 9:30 P. M.  
M. M. Marshall  
County Clerk

By Mae Holman  
Deputy

File No. ....

T. 31 R. 31

DUPLICATE

STATE WATER CONSERVATION BOARD

County Judith

LOG

AUG 15 1966

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

Billie \_\_\_\_\_  
Bretsch \_\_\_\_\_  
Coyk \_\_\_\_\_  
Dickert \_\_\_\_\_

McDermott \_\_\_\_\_  
McNulty \_\_\_\_\_  
Meyer \_\_\_\_\_  
Hedrick \_\_\_\_\_

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Robert A. Schmason Address Bl. II Box 1531

Driller Robert A. Schmason Address " " " "

Date of Notice of appropriation of groundwater MAY 5, 1966

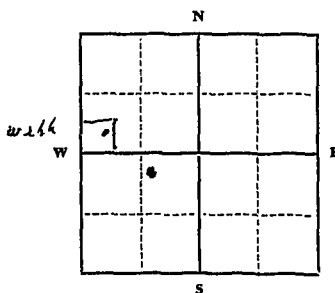
Date well started MAY 1, 1966 Date completed MAY 5, 1966

Type of well Dr. 10" & Dr. 1 1/2" Equipment used Hammer  
(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		
				Kid Size	From (Feet)	To (Feet)
<u>4 1/2"</u>				<u>clay</u>	<u>6" to 10"</u>	<u>10 FT.</u>
				<u>Gravel</u>	<u>10 ft.</u>	<u>46 ft.</u>
				<u>Sand</u>	<u>at 40 FT</u>	<u>46 FT.</u>
				<u>water</u>	<u>46 ft.</u>	<u>37 ft.</u>
				<u>water</u>		
				<u>rock</u>		



Static Water Level for non-flowing well 9 feet.

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

Pumping Water Level 9 feet at 6 gal. per minute.

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

How Tested Jet Pump For

Length of Test 1 1/2 Hours

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

NE 1/4 Sec. 26 T. 31. R. 31.  
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

Robert A. Schmason  
Driller's Signature SCHMASON  
411, 312  
411312

#556

REMARKS

100

200 21 200

200 21 200

STATE OF MONTANA  
COUNTY OF LINCOLN

IN SENATE  
JANUARY 12 1906

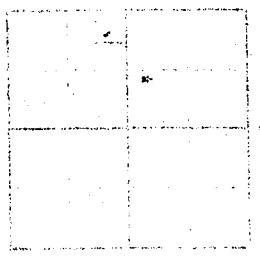
STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 11 day of August A. D. 1906

at 9:00 A. M.

By Edwin S. Vaughn County Clerk.

Deputy



STATE OF MONTANA  
COUNTY OF LINCOLN

IN SENATE  
JANUARY 12 1906

File No. ....

MONTANA WATER RESOURCES BOARD

T. R. ....

DUPLICATE

RECEIVED

County Lincoln

NOV 17 1971

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)

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

Doc. No. 810  
Filed for record  
this 16 day of Nov  
A. D. 19 71, at 2:10  
o'clock P.M.

Owner Robert D. Stickney Address Sheldon Flats

Driller Robert D. Stickney Address Sheldon Flats

Date of Notice of appropriation of groundwater 11-11-71

Date well started 6-15-71 Date completed 6-18-71

Type of well driven Equipment used driving rig  
(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.

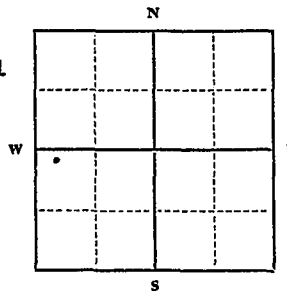


35ft. ~~above~~ sand

58ft. water encountered  
water rises 6' in pipe

65ft. to 35ft. sand & gravel

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	4.5 O.D. 11 lbs. per ft.	0	65	round 1/2"	59	65



Lot 8

N1/2NW1/4SW1/4 of Sec. 26, T31N, R. 31W

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well ..... 58 feet.

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

Pumping Water Level..... 64 feet  
at..... 7 gal. per minute.

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

How Tested..... pumped

Length of Test..... 2 1/2 days-60 hrs.

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

(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.

owner  
Driller's License Number

Robert D. Stickney  
Driller's Signature

49411

#810 INDEXED


STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 26<sup>th</sup> day of November, A. D. 1921.  
 at Billings,  
William of Douglas County Clerk.  
 By Doty Strickland Deputy

DEPARTMENT OF REVENUE  
 DIVISION OF COMMISSIONERS OF CRIMINALS

DEPARTMENT OF STATE PRINTING  
 COMMISSIONER OF REVENUE  
 STATE OF MONTANA

DALLAS

1921

FOR

GW 2

File No.

DUPLICATE

STATE WATER CONSERVATION BOARD

RECEIVED  
AUG 13 1965

REFERRED TO

Approved Stock Form—State Publishing Co., Helena, Montana—447

T. 31 N. R. 31 E.

County Lincoln

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Ray Tarbert Address Libby Mont

Driller C. E. Pldg + Hwy Address Libby Mont

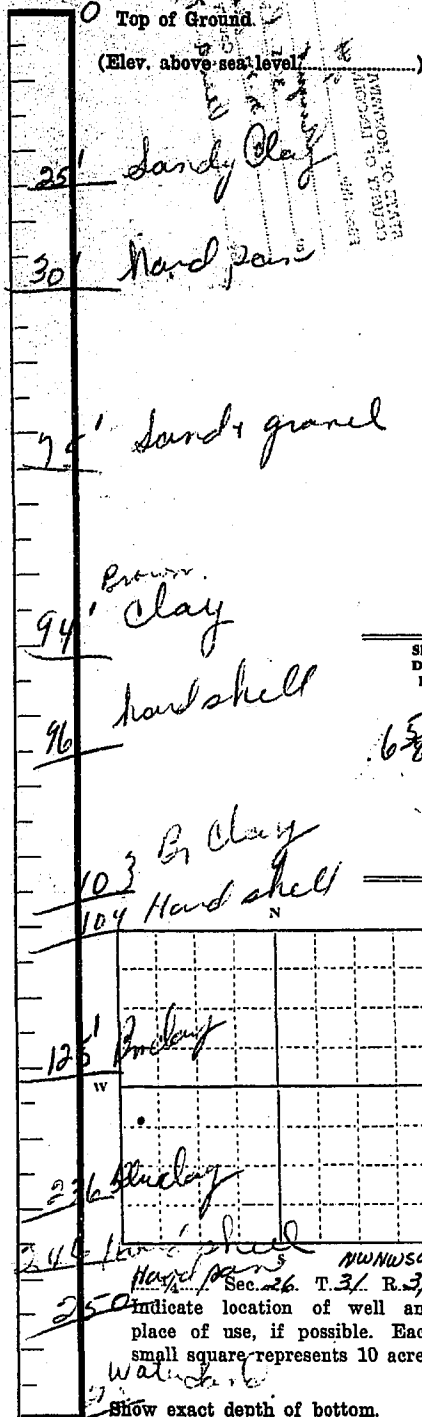
Date of Notice of Appropriation of Groundwater

Date well started June 5, 1965 Date Completed June 14, 1965

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)
6 5/8 od	6 3/8 od 19 #	- 0 -	272'	1/2 round	272'	268'

Static Water Level for non-flowing Well 250 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 255 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Paled Length of Test 1 1/2 hrs

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

141  
Driller's License Number  
Clifford J. Becker  
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.

39427

#497

RECEIVED  
AUG 13 1882

STATE OF MONTANA  
COUNTY OF LINCOLN  
Filed this 9th of August A. D. 1882  
at 3:05 P.M.  
By Wm. Marshall County Clerk  
Verda Deputy

Transferred to papers of Mr. [Name] from [Name] of [Name] County of [Name] State of [Name]

Handwritten notes and signatures in the left margin, including a large signature that appears to be "Wm. Marshall".

Additional handwritten notes and signatures in the middle section of the document.

Handwritten initials or marks, possibly "C" and "13".



RECEIVED

OCT 5 1970

T. 31 R. 31  
County Lincoln

File No. ....

DUPLICATE

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 George J. Taylor Address Rt 2 - Box 237

Driller..... Address.....

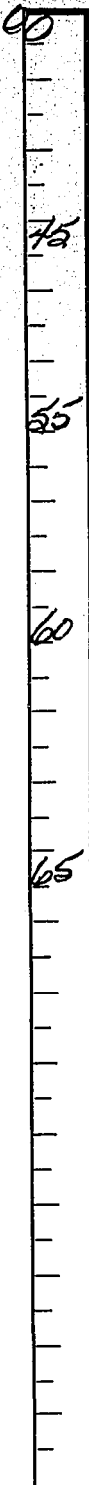
Date of Notice of appropriation of groundwater.....

Date well started June 1, 1970 Date completed June 26, 1970

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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



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

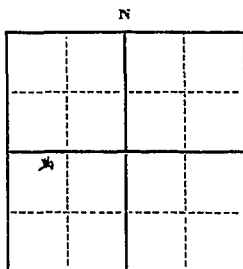
Sand

Sand & gravel

Sand & gravel with clay

GRAVEL & WATER

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>4" ID.</u>	<u>4 1/2" OD.</u>	<u>0</u>	<u>65</u>		<u>none</u>	
	<u>11.00 lbs. per foot</u>					



N 1/2 NW 1/4 SW 1/4

Section 26 T. 31 N. R. 31 W.  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 60 feet.

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

Pumping Water Level 65 feet

at 5 gal. per minute.

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

How Tested PUMP

Length of Test 8 hr

Remarks: (Gravel packing, cementing, pack-  
ing, type of shutoff).....

Doc. No. 751  
Filed for record  
this 1 day of October  
A. D. 19 70, at 12:15  
o'clock P. M.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

47587

151

COVE CAMP  
DIPLOMA HOUSE

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 10th day of  
October A.D. 1970  
at 12:45 P.M.  
By Edmund L. Gaughan County Clerk  
Max Watson Deputy

Witness my hand and seal of office at Helena, Montana, this 10th day of October, 1970.

FILED	INDEXED	SEARCHED	SERIALIZED
10	0	10	10

WITNESSED BY ME

File No. STATE WATER CONSERVATION BOARD

T. 31 N R. 31 W  
County Lincoln

DUPLICATE

JAN 3 1966

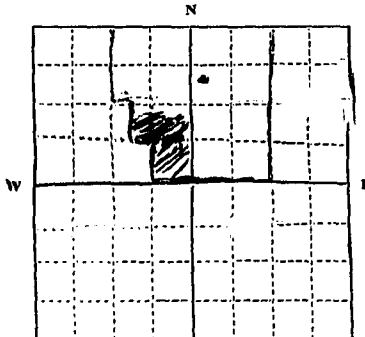
STATE OF MONTANA

Billie \_\_\_\_\_ M.D. \_\_\_\_\_  
Butcher \_\_\_\_\_  
C. \_\_\_\_\_  
D. \_\_\_\_\_  
E. \_\_\_\_\_  
F. \_\_\_\_\_  
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ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. Jimmie H. O'Rourke of Libby Montana  
(Name of Appropriator) (Address) (Town)  
County of Lincoln State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NW 1/4 NE 1/4  
1/4 Sec. 26 T. 31 R. 31

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 is irrigation, stock watering, household use, and recreation
- Date or approximate date of earliest beneficial use and how continuous the use has been used continuously since land was homesteaded
- The amount of groundwater claimed (in gallons or feet or other units) per minute: total flow which is variable
- If used for irrigation, give the number and description of the lands to which water has been applied and name of the owner thereof Section 26, Twp 31 N, Range 31 West SE 1/4 SE 1/4 NW 1/4 and NE 1/4 SE 1/4 NW 1/4 - Acres Jimmie H. O'Rourke - Owner
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal natural springs, flowing of which controlled by ditches and earth dam also iron pipes to various points
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater since homesteaded
- The depth of water table surface at point of flow
- So far as it may be available, the number, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater various pipes from a buried barrel and dams with water in the ditch flowing to an earthen dam of 5 acre feet capacity
- The estimated amount of groundwater withdrawn each year not applicable
- The log of formations encountered in the drilling of each well if available not applicable
- 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 located in SW 1/4 NW 1/4 NE 1/4, this spring is 450 feet from log house known as "Lefty Brant's Cabin" on a bearing of 16° NE

Signature of Owner Jimmie H. O'Rourke  
Date 12/30/65

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.

4632

521

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 30th day of  
December A. D. 1965  
at Billings by  
Wm. H. Mansfield  
County Clerk.  
Mae Watson  
Deputy

File No. STATE WATER CONSERVATION BOARD

T. 31 N. R. 31 W. S. 31

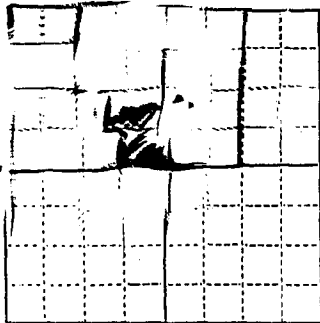
DUPLICATE

County Lincoln

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

Jimmie H. O'Rourke, of Libby Montana  
(Name of Appropriator) (Address) (Town)  
County of Lincoln State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 SW 1/4 NE 1/4  
1/4 Sec. 26 T. 31 R. 31

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 is irrigation, stock watering, household use, and recreation
- Date or approximate date of earliest beneficial use; and how continuous the use has been use continuously since land was homesteaded
- The amount of groundwater claimed (in miner's inches or gallons per minute) Total flow which is variable
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Section 26, Twp. 31 N, Range 31 West, SE 1/4 SE 1/4 NW 1/4 and NE 1/4 SE 1/4 NW 1/4 - 20 Acres Jimmie H. O'Rourke - Owner
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal natural springs, flowing of which controlled by ditches and earth dam
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater since homesteaded
- The depth of water table surface at point of flow
- 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 two feet deep by four feet wide - rock cribbing then ditch flows to earth dam of 5 acre feet capacity
- Estimated amount of groundwater withdrawn each year not applicable
- The log of formations encountered in the drilling of each well if available not applicable
- 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 located in NW 1/4 SW 1/4 NE 1/4, This spring is 60 feet from log house know as "Lefty Brant's Cabin" on a bearing of 55 NE

Signature of Owner Jimmie H. O'Rourke  
Date 12/30/65

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.

40323

522

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 30th day of  
December A. D. 1965  
at 3:29 P. M.  
M. M. Mansfield  
County Clerk.  
By Mae H. H. H.  
Deputy

STATE WATER CONSERVATION BOARD

File No. ....

T. 31N R. 31W

APR 17 1967

County Lincoln

**DUPLICATE**

LOG Billie \_\_\_\_\_ McDaniel \_\_\_\_\_  
 Butcherin \_\_\_\_\_ McNulty \_\_\_\_\_  
 Boyle \_\_\_\_\_ Merton \_\_\_\_\_  
 Berntson \_\_\_\_\_ Sullivan \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

Top of Ground  
 (Elev. above sea level 2073)

20' sandy clay

10' coarse sand

20' large rock & clay

5' gravel some water  
 1' hard clay layer

15' gravel and sand  
 water flowed at  
 60'

well depth 69' w/ 8' waterstanding

depth to bottom 69'

**Notice of Completion of Groundwater  
 Appropriation by Means of Well**  
 DEVELOPED AFTER JANUARY 1, 1962  
 (Under Chapter 237, Montana Session Laws, 1961)

Owner Robert A. Petrusha Address Rt # 2 Box 769

Driller Robert Petrusha Address \_\_\_\_\_

Date of Notice of appropriation of groundwater April 15, 1967

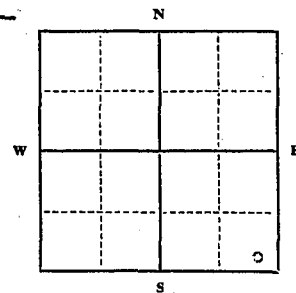
Date well started April 15, 1967 Date completed April 15, 1967

Type of well Drilled Equipment used Drill, 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)
6"	6" std	0	69'	3/8" rd	65	69



Static Water Level for non-flowing well 8' feet.

Shut-in Pressure for Flowing Well 50

Pumping Water Level 62' feet at 300 gal. per minute.

Discharge in gal. per min. of flowing well 300

How Tested weir

Length of Test 72 hrs

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

S 1/2 SE 1/4 Sec 26 T 31N R 31W

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Tracts 1F and 5 B

S 1 SE 1 Sec 26 Twp 31N R 31W (Continue on reverse side)

10 Libby, Lincoln  
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).

Domestic irrigation

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

Robert A. Petrusha  
Driller's Signature

*Robert A. Petrusha*  
41878

579

to High Court  
County Clerk  
A. D. 19. 1917

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 13th day of  
April A. D. 1917  
at Lincoln M.  
By [Signature] Clerk  
[Signature] Deputy

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STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

AUG 7 1970

DRILLER'S LOG

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

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 Tony T. Manny, Jr.

Address Libby, Mont.

For Administrator's Use	
File	<u>744</u>
	<u>August 6, 1970</u>
	<u>9:20 A.M.</u>
Date well started	<u>June 18, 1970</u>
completed	<u>June 25, 1970</u>

Date well started June 18, 1970

completed June 25, 1970

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

Equipment used Churn Drill  
(Churn drill, rotary or other)

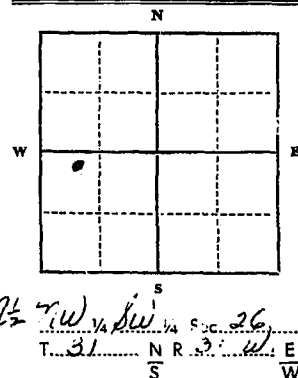
Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \* Garden/Lawn

\*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 75,000 gals.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6" I.D.</u>	<u>6 7/8" O.D.</u>	<u>0</u>	<u>67</u>	<u>None</u>		
	<u>17.00 lbs.</u>					



Static water level 60 ft.\*  
Pumping water level 61 ft.\*  
at 15 gallons per minute,  
measured 30 minutes after pumping began.

\*Measured from ground level.  
Well developed by pump  
for 52 hours.  
Power Elect. Pump 1/2 HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
<u>0</u>	<u>45</u>	<u>Sand.</u>
<u>45</u>	<u>55</u>	<u>Sand and Gravel.</u>
<u>55</u>	<u>60</u>	<u>Sand, Clay, and Gravel.</u>
<u>60</u>	<u>67</u>	<u>Sand, Gravel with Water.</u>

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

Driller's Signature William D. Lake

Driller's Address Box 967 Libby, Mont

LICENSE NO. 152

67 Show exact depth of bottom

47326

744

DEPT. OF REVENUE

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 6th day of  
August A. D. 1970  
at 4:30 P.M.  
Edmund R. Hughes  
County Clerk  
By Mae Watson  
Deputy

RECEIVED  
COUNTY CLERK  
LINCOLN COUNTY  
MONTANA  
AUG 11 1970

File No. ....

STATE WATER CONSERVATION BOARD

T. 31 N. R. 31 W.

DUPLICATE

OCT 13 1966

County Lincoln

LOG

Top of Ground

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

Billie \_\_\_\_\_ McDermott STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
Butzerin \_\_\_\_\_  
Coyle \_\_\_\_\_ Marston OFFICE OF STATE ENGINEER  
Darlington \_\_\_\_\_ Sullivan  
Wickert \_\_\_\_\_

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Leland R. Hansen Address Box 333 - RT. 2.

Driller SAME Address SAME

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

Date well started 6/10/65 Date completed 8/29/65

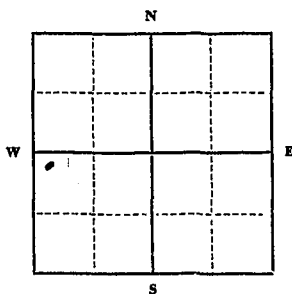
Type of well Drilled Equipment used Rotary  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 17 lb. Per FT.			Sand	0'	47'
				Hardpan	47'	47' 6"
				Sand	47' 6"	62'
				Hardpan	62'	62' 4"
				Water	62' 4"	71'



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

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

Pumping Water Level 9' feet

at 15 gal. per minute.

Discharge in gal. per min. of flowing well 15 gal per min.

How Tested Bailer

Length of Test 2 days

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

Sully  
N.W. 1/4 Sec 26, T. 31 N. R. 31 W.  
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

Leland R. Hansen  
Driller's Signature

41509

565

33 13. N. 13.  
M. 13.  
M. 13.

SMAR  
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SMAR  
SMAR  
SMAR

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 10th day of  
October, 1966  
at Lincoln, Montana  
By Maie Watson Deputy  
County Clerk

TO	DATE	BY	REMARKS
11/11/66	11/11/66	MAIE WATSON	FILED
11/11/66	11/11/66	MAIE WATSON	FILED
11/11/66	11/11/66	MAIE WATSON	FILED
11/11/66	11/11/66	MAIE WATSON	FILED
11/11/66	11/11/66	MAIE WATSON	FILED
11/11/66	11/11/66	MAIE WATSON	FILED

STATE OF MONTANA  
COUNTY OF LINCOLN

IN SENATE  
January 11, 1966

REPORT OF THE  
COMMISSIONERS OF THE  
STATE OF MONTANA  
ON THE  
PROCEEDINGS OF THE  
COMMISSIONERS OF THE  
STATE OF MONTANA  
IN SENATE  
January 11, 1966

MAIE WATSON  
Deputy  
County Clerk

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

RECEIVED

DRILLER'S LOG

NOV 10 1971

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

**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 Jerry Bunton  
Address Libby, Montana  
Date well started April 26, 1971  
completed May 3, 1971

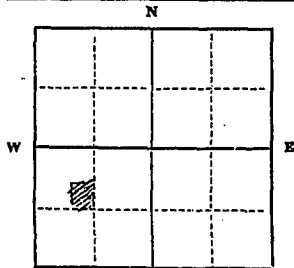
For Administrator's Use	
File	<u>804</u>
	<u>November 9, 1971</u>
	<u>10:45 PM</u>
GW 1	

Type of well Drilled  
(Dug, driven, bored or drilled)  
Equipment used Churn Drill  
(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 100,000 Gal. per year

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5" I. D.	6 5/8" O.D. 17.00 lbs. per ft.	0	61	None		



New 1/4 SW 1/4 Sec 26  
T. 31 N. R. 31 E

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

Driller's Signature Wm D. Lake

Driller's Address P.O. Box 967 Libby, Montana 59923

LICENSE NO. 152

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
<u>0</u>	<u>1</u>	<u>Topsoil</u>
<u>1</u>	<u>15</u>	<u>Sandy Clay</u>
<u>15</u>	<u>56</u>	<u>Clay and Gravel</u>
<u>56</u>	<u>61</u>	<u>Sand, Gravel and Water.</u>

61 Show exact depth of bottom

49359

3000

3000

804



STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 9th day of July 1911  
at Great Falls  
Chas. H. Smith  
Clerk of the Court

By Max Watson Deputy

County Lincoln

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOV 9 1971

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Section 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, one copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Gerald Cassidy

Address Libby, Montana

Date well started June 29, 1970

completed July 6, 1970

For Administrator's Use	
File <u>801</u>	
<u>November 5, 1971</u>	
<u>1:30 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

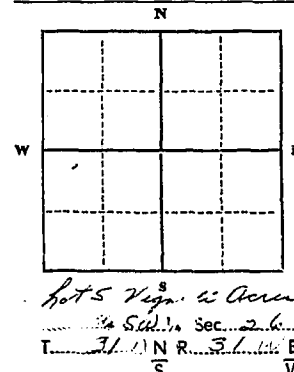
Industrial  Drainage  Other \* Garden/Lawn

\*Describe

Use: If used for irrigation, industrial, drainage or other, explain, state number of acres and location or other data (e.g. lot, block or addition).

ESTIMATED ANNUAL WITHDRAWAL 60,000 gal.

No.	Size and Weight of Casing	From (Feet)	To (Feet)	APPROPRIATION		
				Kind	From (Feet)	To (Feet)
<u>1</u>	<u>6 5/8" . . . 17.00 lbs. per foot</u>	<u>0</u>	<u>60</u>	<u>None</u>		



Static water level 60 ft.\*  
Pumping water level 65 ft.\*  
at 5 gallons per minute,  
measured 6 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by Pump  
for 8 hours.  
Power elec. Pump 1/2 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 Wm D Lake  
Driller's Address P.O. Box 967 Libby, Montana

LICENSE NO. 152

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	15	<u>None</u>
15	55	<u>Sand and Gravel</u>
55	60	<u>Sand and Gravel with clay</u>
60	66	<u>Gravel and Water</u>
<u>65 ft.</u>		

Show exact depth of bottom

49353

NOTICE

#801

ALSO TO BE  
 RETURNED TO REGISTER  
 OF DEEDS FOR RECORD

RETURNED TO REGISTER TO BE  
 RECORDED IN BOOK NO. 100  
 PAGE 100

STATE OF MONTANA  
 COUNTY OF LINCOLN

Filed this 5th day of November A. D. 1911  
 at 130 P. M.  
 By E. Cassin L. Livingston County Clerk  
Paul Livingston Deputy

RECEIVED  
 COUNTY CLERK  
 COUNTY OF LINCOLN  
 MONTANA  
 NOV 11 1911



File No.

MONTANA WATER RESOURCES BOARD

T. 31 R. 31

DUPLICATE

RECEIVED

County *Lincoln*

LOG JUL 9 1969

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground \_\_\_\_\_

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

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

(Under Chapter 287, Montana Session Laws, 1961)

0'-29' Clay and gravel.  
29'-48' Tight clay,  
gravel, and boulders.  
48'-60' loose clay,  
gravel, sand, very  
little water.  
60'-62' Gravel and  
water.

Owner *Chantz L. E. Lake* P.O. Box 541

Driller *William D. Lake* Address *Lib., Mont.*

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

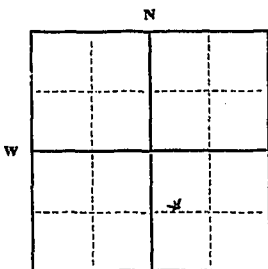
Date well started *June 6, 1967* Date completed *June 7, 1967*

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 Bored Hole	Size and Weight of Casing	From (Feet)	To (Feet)	VIBRATIONS		
				King Size	From (Feet)	To (Feet)
6" I.D.	6 7/8" O.D. 18.97 lbs 14.0 ft.	0'	62'		none	



Static Water Level for non-flowing well

*42* feet.

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

Pumping Water Level..... *42* feet

at..... *15* gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... *plump*

Length of Test..... *1 hr*

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

*Lot 33, Rawlings' Road*

*NE 1/4 SW 1/4*

*N 1/2 SW 1/4 SW 1/4 Sec. 29, T. 31, R. 31*

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.: Plot Block and Addition).

Show exact depth of bottom.

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

Please answer all questions. If not applicable, so state, other *PKK* *PKK* will be returned.

Driller's License Number

Driller's Signature

*45418*

696

Record to High Court

Return to High Court of Lincoln County

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 3rd day of July  
A. D. 1969  
at 10:30 P. M.  
By Charles F. Vaughn County Clerk  
Mae Watson Deputy

Return to High Court of Lincoln County

1969

1969

1969

File No. ....

T. 31 R. 31

DUPLICATE

MONTANA WATER RESOURCES BOARD

County Lincoln

RECEIVED

STATE OF MONTANA

APR 3 1969

ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground  
(Elev. above sea level \_\_\_\_\_)

10' gravel + boulders

35' gravel, rock, clay

41' sand, clay, gravel

56' Hard pan Clay

57' Water sand

58' Bedrock

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Red Plummer Address Lobby Mont.

Driller C. & L. Pelly & Sons Address Lobby Mont.

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

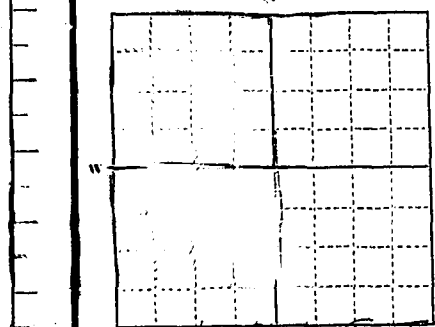
Date well started 7-23-68 Date Completed 7-25-68

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

Water Use: Domestic  Municipal  Industrial  Drainage  Irrigation

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

Well No.	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
66-01	17"	0	58'	1/2" Round	0	4'



Quart. Lot 1, Chas. F. Hede Tracts  
1/4 Sec. 29, T. 31, R. 31  
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 37' feet.

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

Pumping Water Level 40 feet at 30 gal. per minute.

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

How Tested Baled Length of Test 2 hr

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

141  
Driller's License Number  
Clifford J. Becker  
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.

45,100

682

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 1st day of April A. D. 1969  
at 9:35 P.M.  
Edward L. Laughlin  
County Clerk.  
By Mar. Watson Deputy

*[Faint, mostly illegible handwritten notes and stamps, possibly including a date like '11/4 1969']*

RECEIVED

File No. ....

MAR 1 1973

T. .... R. ....

DUPLICATE

MONTANA DEPARTMENT OF NATURAL LOG RESOURCES AND CONSERVATION

County Lincoln

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE STATE WATER CONSERVATION BOARD

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

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

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

- 0'-28' Loose sand and gravel.
28'-40' Tight Clay and Gravel.
40'-54' Clay and Gravel.
54'-58' Sand and Gravel with Water.

Owner Quinn R. Phelbrick address Rt 2 Box 516
Constantine R. Phelbrick
Driller William D. Lake Address Libby, Montana

Date of Notice of appropriation of groundwater.....
Date well started August 29, 1968 Date completed Sept. 3, 1968

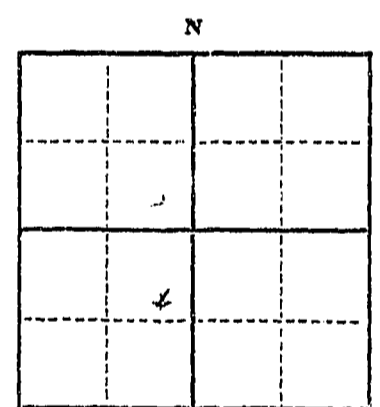
Type of well drilled Equipment used churn
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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.

Table with columns: Size of Drilled Hole, Size and Weight of Casing, From (Feet), To (Feet), PERFORATIONS (Kind Size, From (Feet), To (Feet)).

Doc. No. 931
Filed for record this 21st day of February
A. D. 1973 at 12:30 o'clock P.M.



SW 1/4 Lot 30, all of Lot 31 - Rawlins Road
NE 1/4 Sec 29 T31 R31

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 14 feet.
Shut-in Pressure for Flowing Well.....
Pumping Water Level 15 feet at 10 gal. per minute.
Discharge in gal. per min. of flowing well.....
How Tested bailer
Length of Test 2 hours
Remarks: (Gravel packing, cementing, packers, type of shutoff).....

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number 150

Driller's Signature William D. Lake

52,514

931

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 21st day of  
January A. D. 1913  
at 12:39 P. M.  
By Charles L. Coughlin County Clerk  
Maie Watson Deputy

IN WITNESS WHEREOF I have hereunto set my hand and the seal of said County at Helena, Montana, this 21st day of January, 1913.

County Clerk

11-50 108

RECEIVED  
JAN 21 1913  
COUNTY CLERK  
HELENA, MONTANA

RECEIVED

File No.....

T. 31 R. 31

DUPLICATE

DEC 16 1970

County Libby

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION 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)

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

- 0'-1' Sandy topsoil.
- 1'-24' Sand.
- 24'-35' Sand, Gravel,  
some Water.
- 35'-37' Clay and Gravel.
- 37'-39' Gravel and Water.

Owner E. D. Phillips Address 424 5th St. Libby, Mont.

Driller William D. Lake Address Libby, Montana

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

Date well started June 15, 1968 Date completed June 17, 1968

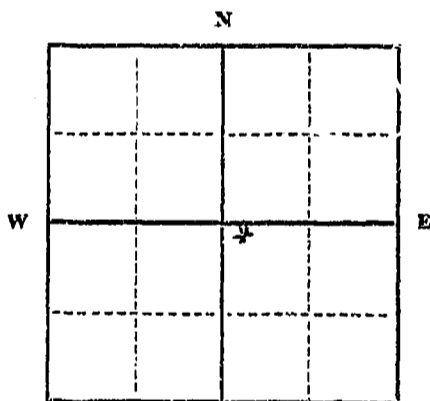
Type of well Drilled Equipment used Churn  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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.

Doc. No. 763  
Filed for record  
this 10 day of December  
A. D. 19 70, at 11:30  
o'clock P. M.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I.D.	6 5/8" O.D. 17.00 lbs. per foot	0	39			



Lot 2, Thorsen Tracts  
1/4 Sec 29, T.31, R.31  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well  
..... 22 feet.

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

Pumping Water Level..... 23 feet  
at..... 12 gal. per minute.

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

How Tested..... pump

Length of Test..... 2 hours

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

152  
Driller's License Number  
William D. Lake  
Driller's Signature.

47910

763

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 10th day of  
December A. D. 19 70  
at 11:00 P.M.  
Edmund L. Laughlin  
County Clerk.  
By Mae Watson  
Deputy

*[Faint, mostly illegible text from the reverse side of the document, including a table with columns for 'PROPERTY', 'DEBT', 'CREDIT', 'TOTAL', and 'REMARKS'. Some legible words include 'PROPERTY', 'DEBT', 'CREDIT', 'TOTAL', 'REMARKS', 'MOUNTAIN', 'COUNTY', 'STATE', 'MONTANA', 'LINCOLN', 'FILED', 'DECEMBER', '1970', 'EDMUND L. LAUGHLIN', 'COUNTY CLERK', 'MAE WATSON', 'DEPUTY'.]*



2379

File No. ....

T. 31N R. 31W

DUPLICATE

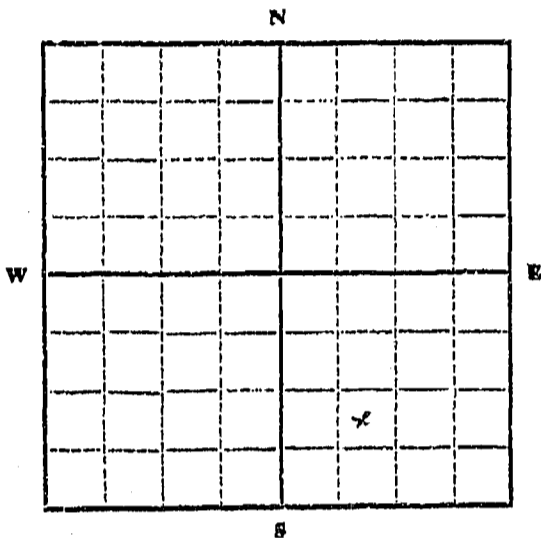
County Lincoln

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
MAY 3 1963

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

1. Eugene A. Vaughn, of RT I Box 1179, Libby  
(Name of Appropriator) (Address) (Town)  
County of Lincoln State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/2 S 1/4 Sec. 29 T. 31N R. 31W

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

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

June 1961

continuous

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

15 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.....

Small garden & lawns

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

electric jet pump - next to house

N 1/2 S 1/4 Sec. 29 T. 31N R. 31W

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

June 1961

8. The depth of water table.....

33 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.....

Drilled well - 6" casing  
54' deep

10. The estimated amount of groundwater withdrawn each year.....

20,000

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

Log not available  
gravel & sand deposit all the way down

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 Eugene A. Vaughn

Date Dec 17, 1962

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

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

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

29

File No.....

T. 31N R. 31W.

DUPLICATE

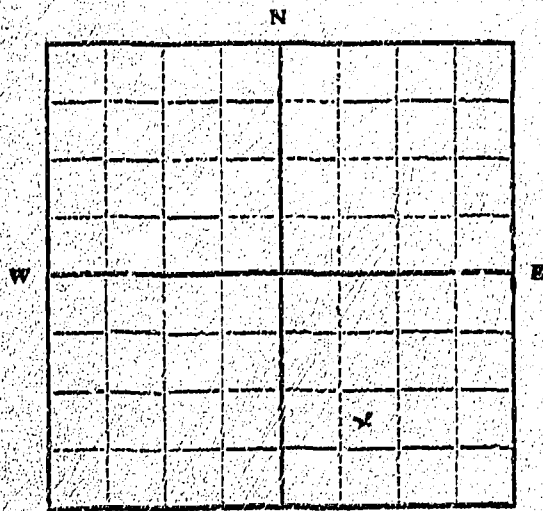
County Lincoln

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
MAY 3 1963

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

1. Eugene A. Vaughn, of RT # Box 16-79, Libby  
(Name of Appropriator) (Address) (Town)  
County of Lincoln State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/2 SW 1/4 Sec. 29, T 31N R. 31W

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

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

June 1961

Continuous

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

15 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.....

Small garden & lawns

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

electric jet pump - next to house

N 1/2 SW 1/4 Sec. 29, T 31N R. 31W

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

June 1961

8. The depth of water table.....

33 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.....

Drilled well - 6" casing, 54' deep

10. The estimated amount of groundwater withdrawn each year.....

20,000

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

log not available

gravel & sand deposit all the way down

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 Eugene A. Vaughn

Date Dec 17, 1962

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

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

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

78

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 30th day of

April A. D. 1963

4:30 P. M.

By W. J. Mansfield  
County Clerk

By Mae Watson  
Deputy

File No.....

T. 31 R. 31

DUPLICATE

MONTANA WATER RESOURCES BOARD  
**RECEIVED**

County Lincoln

LOG

DEC 4 1969

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

Top of Ground

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

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

DEVELOPED AFTER JANUARY 1, 1962

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

0'-57' Clay, Gravel, and Broken Rock.

Owner Elmer Johnson Address Box 565

57'-65' Sand and Gravel.

Driller William D. Lake Address Libby, Montana

65'-73' Sand, and Broken Rock with Water.

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

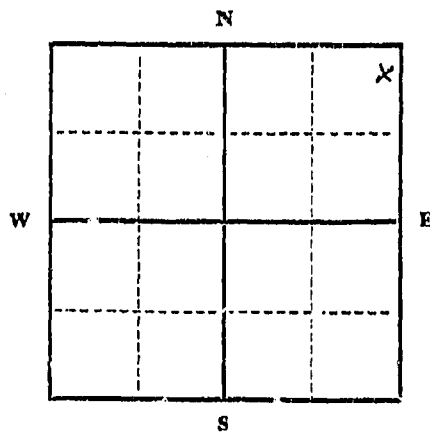
Date well started November 5, 1968 Date completed November 20, 1968

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)
6" I.D.	6 5/8" O.D. 17.00 lbs. per foot	0	73		None	



Static Water Level for non-flowing well ..... 58 feet.

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

Pumping Water Level..... 65 feet  
at..... 12 gal. per minute.

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

How Tested..... pump

Length of Test..... 4 hours

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

N 1/4 Sec. 29 T. 31 R. 31  
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 352

Driller's Signature William D. Lake

145924

STATE OF MONTANA  
 COUNTY OF LINCOLN

IN SENATE

BEFORE ME, the undersigned authority, on this day personally appeared Mac Watson, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 4th day of December, 1969.

Notary Public in and for the State of Montana

718

STATE OF MONTANA  
 COUNTY OF LINCOLN

Filed this 2nd day of December, A. D. 1969

at 2:10 P. M.

By Charles L. Vaughn County Clerk.

By Mac Watson Deputy

DEC 4 1969

RECEIVED

CLERK OF DISTRICT COURT

DEPARTMENT OF REVENUE

STATE OF MONTANA

File No. ....

T. 31 N R. 31

DUPLICATE

County .....

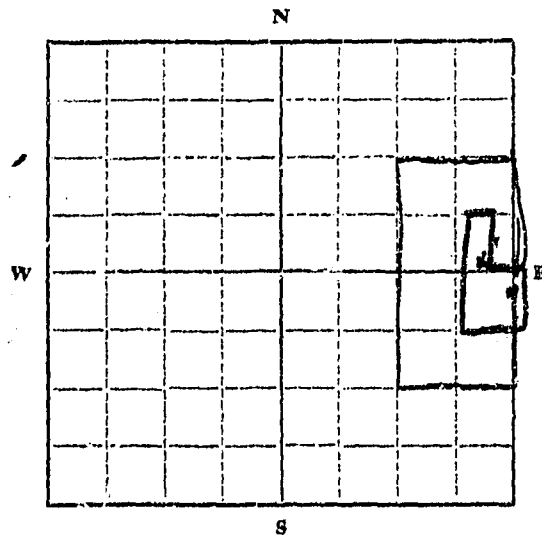
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 27 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Glenn Thorson, of BT-1-Box 16-87 Libby  
(Name of Appropriator) (Address) (Town)  
County of Lincoln State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 29 T. 31N. R. 31W  
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 Two homes 4 horses, garden & lawn irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous since 1923

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 2 Deep wells jet pumps

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

8. The depth of water table 25 Feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 2 FT x 2 FT dug, cement case 35 Feet deep

10. The estimated amount of groundwater withdrawn each year 2,628,000

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

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

Signature of Owner Glenn Thorson  
Date 12/13/62

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.

# 203

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 19<sup>th</sup> day of  
December A. D. 1963  
at 10:15 A. M.  
D. M. Mansfield  
County Clerk.  
By Arden Taylor  
Deputy

File No. ....

T. 31 R. 31

DUPLICATE

County Lincoln

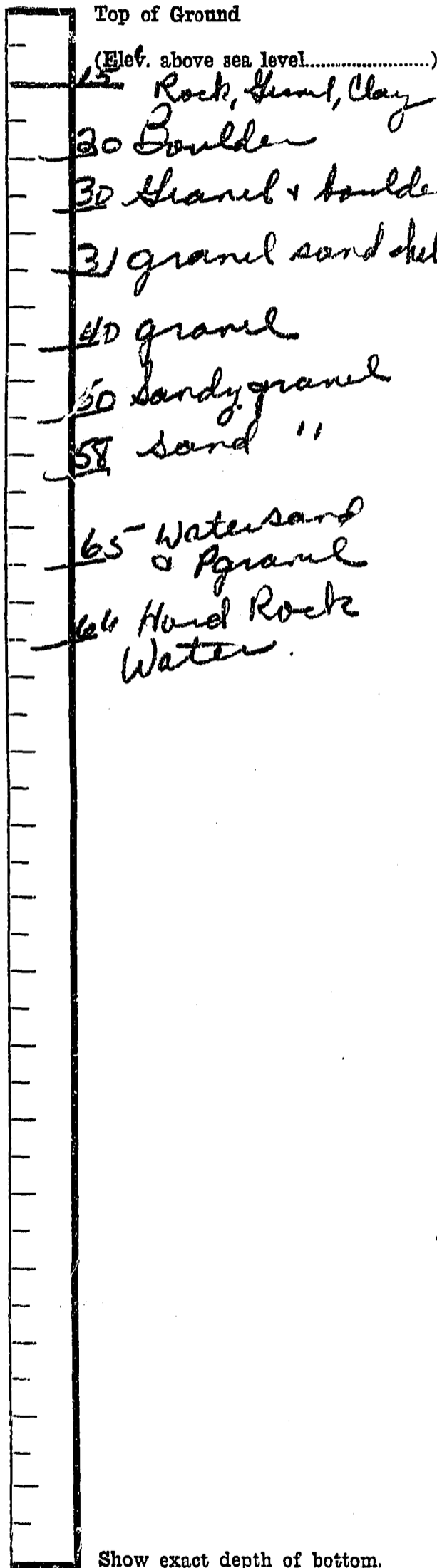
8/17/69

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION 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)



Owner: John Schlecht Address: Pitkin Mont.

Driller: C. & J. Pitz & Htg. Address: Pitkin Mont.

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

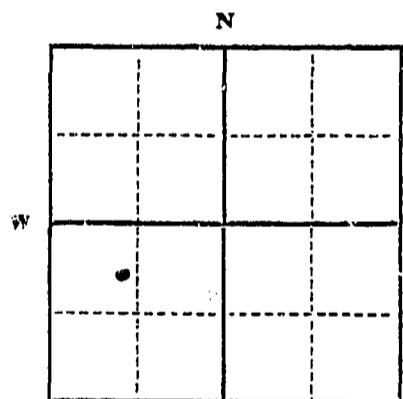
Date well started: 9-10-68 Date completed: 9-11-68

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)
6 5/8" od	#17	0	66'	1/2" Round	0	4'



Chis. Thick Strata  
NW 1/4 Sec. 29 T. 31 R. 31  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well ..... 48 feet.

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

Pumping Water Level..... 50 feet  
at..... 15 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: baled

Length of Test: 2 hr

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

141  
Driller's License Number

Clifford J. Bucher  
Driller's Signature.

45507



INDEXED # 700

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 4th day of

August A.D. 1969

Cl. 1:15 P.M.

By William L. Daughman  
County Clerk.

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

*Handwritten notes:*  
Aug 4 1969  
...  
...

*Handwritten notes:*  
8/11/69  
...

File No. ....

T. 31 R. 31 21

DUPLICATE

County Lincoln  
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  
MAY 17 1965

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Lyle Stephens Address Libby, Mont.

Driller Ed L. P. H. & H. G. Address Libby, Mont.

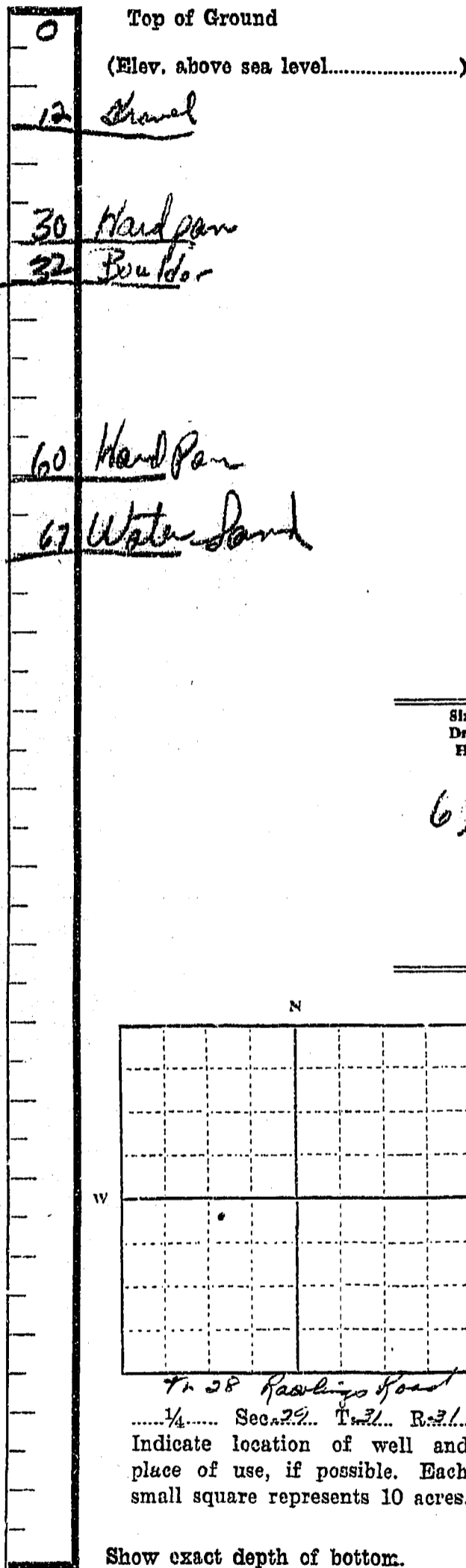
Date of Notice of Appropriation of Groundwater.....

Date well started 4-27-65 Date Completed 4-27-65

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)
6 5/8	6 5/8 17#	0	67'	1/2" Round	61'	67'

Static Water Level for non-flowing Well 47' feet.

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

Pumping Water Level 51' feet at 17 gal. per minute.

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

How Tested Bailer Length of Test 1 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).....

141  
Driller's License Number  
Clifford Barber  
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.

39129

# 482  
MAY 13 1965  
INDEXED

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 13th day of May A. D. 1965  
at 9:55 A.M.  
M. M. Mansfield  
County Clerk  
By Pat. S. ...  
Deputy

File No. ....

FEB 28 1966

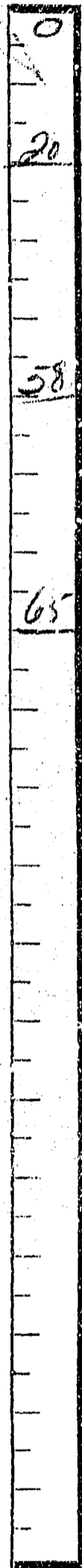
T. 31 N R 31 W 29

DUPLICATE

Bille \_\_\_\_\_ McMinnis \_\_\_\_\_  
Butzer n \_\_\_\_\_ McNulty \_\_\_\_\_  
Coyle \_\_\_\_\_ Morton \_\_\_\_\_  
Darlington \_\_\_\_\_ Sullivan \_\_\_\_\_

County Lincoln

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER



Top of Groundwater  
(Elev. above sea level.....)

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Sam Jones Address L.H.P. Montana

Driller C. J. Plumbing Address L.H.P. Montana

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

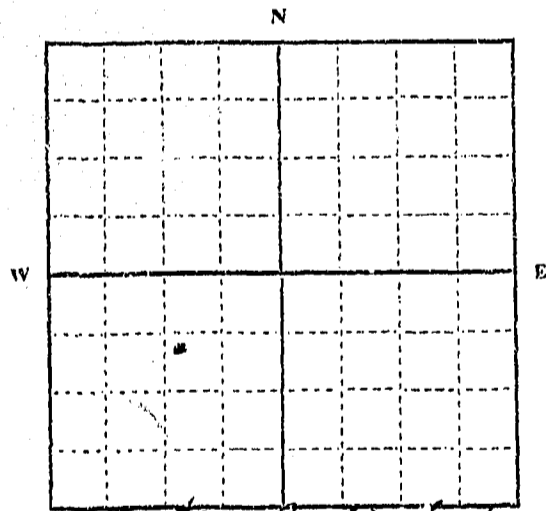
Date well started April 30, 1965 Date Completed May 1, 1965

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)
6 5/8"	6 5/8" 17#	0	65	1/2" Round	60	65



N 1/2 Tract 26 - Rawlins land  
SE 1/4 Sec. 29 T. 31 R. 31  
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..... 47' feet.

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

Pumping Water Level..... 49' feet at 20 gal. per minute.

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

How Tested Bailer Length of Test 1 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).....

141  
Driller's License Number

Clifford Bunker  
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.

40866

File No

FEB 28 1966

T 31 N R 31

DUPLICATE

Blife \_\_\_\_\_ McDermott \_\_\_\_\_  
Butzurn \_\_\_\_\_ McNulty \_\_\_\_\_  
Coyle \_\_\_\_\_ Morton \_\_\_\_\_  
Darlington \_\_\_\_\_ Sullivan \_\_\_\_\_

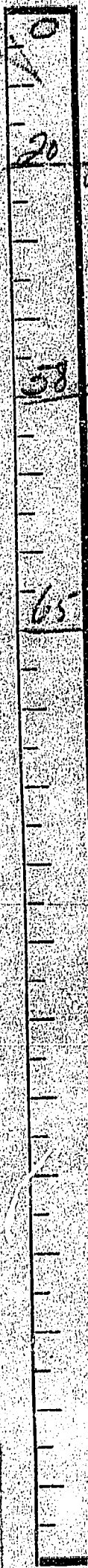
County Lincoln

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground \_\_\_\_\_  
(Elev. above sea level \_\_\_\_\_)

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



Owner \_\_\_\_\_ Address \_\_\_\_\_

Driller \_\_\_\_\_ Address \_\_\_\_\_

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

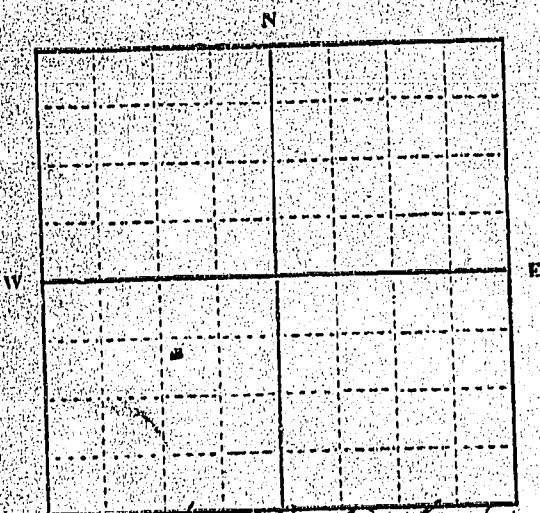
Date well started \_\_\_\_\_ Date Completed \_\_\_\_\_

Type of well \_\_\_\_\_ Equipment Used \_\_\_\_\_  
(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)
6 5/8"	6 5/8" 17 lb	0	65	1/2" Round	60	65



N 1/2 Section 26 - Rawlins Road  
S.E. 1/4 Sec. 29 T. 31 R. 31  
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 \_\_\_\_\_ feet.

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

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

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

How Tested \_\_\_\_\_ Length of Test \_\_\_\_\_

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

Driller's License Number

Driller's Signature

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

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

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

40866

535

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 23rd day of  
February A. D. 1966  
at 9:55 A. M.  
Edmund L. Daugherty  
County Clerk.  
By Mae Water Deputy

DEACON MONTANA RECORD RETURN OF 12

87 217

RECORDED  
INDEXED  
SERIALIZED  
FILED

County Lincoln

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 Donald Smart

Address 403 W. 9th. St.

Libby, Montana 59923

Date well started April 26, 1972

completed April 26, 1972

For Administrator's Use	
File	<u>875</u>
	<u>June 5, 1972 11:15 am</u>
GW 1	

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Air Rotary Drill

(Churn drill, rotary or other)

Water Use: Domestic  Municipal  Stock  Irrigation

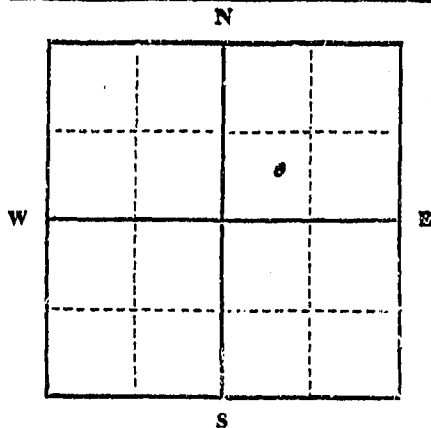
Industrial  Drainage  Other \* Garden/Lawn

\*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 110,000 Gal. per yr.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I.D. 6 5/8"	O.D. 17.00 lbs. per ft.	0	10			
					None	



Static water level 14 ft.\*  
Pumping water level            ft.\*  
at 40-50 gallons per minute,  
measured 60 minutes after pumping began.  
\*Measured from ground level.  
Well developed by air compressor  
for 1 hours.  
Power            Pump            HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

SW 1/4 NE 1/4 Sec 27

T. 31 R. 31

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

Driller's Signature Wm D Lake

Driller's Address P.O. Box 967

Libby, Mont. 59923 LICENSE NO. 152

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)	
<u>0</u>	<u>1</u>	<u>Topsoil.</u>
<u>1</u>	<u>30</u>	<u>Sand.</u>
<u>10</u>	<u>21</u>	<u>Sand, Gravel &amp; some Clay.</u>
<u>21</u>	<u>36</u>	<u>Sandy Gravel and Water.</u>
<u>36</u>	<u>40</u>	<u>Gravel and Water.</u>

40 ft. Show exact depth of bottom

50,610

INDEXED #875

AMOUNTS TO BE PAID

BY THE COUNTY OF LINCOLN

FOR THE YEAR 1972

TO THE COUNTY CLERK

FOR THE YEAR 1972

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 5<sup>th</sup> day of

June A. D. 1972

at 11:15 A.M.

Calvin D. Wright County Clerk

By Betty Stueckel Deputy



File No. ....

T. 31 R. 31

DUPLICATE

MONTANA WATER RESOURCES BOARD

County Lincoln

LOG

JAN 15 1968

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

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

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

*4 ft clay  
9 ft sand  
22 ft gravel*

Owner Simmerdak Address P.O. 8553

Driller Self Address Libby Montana

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

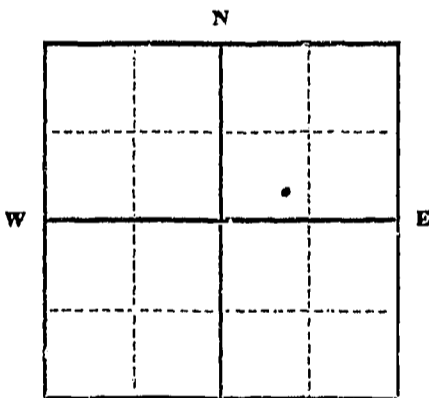
Date well started June 20 Date completed June 20

Type of well point Equipment used.....  
(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)
11"	11"	14	35	11"	14	35



*Lot 87 Rawlins Road 2nd*  
*SW 1/4 NE Sec. 24 T. 31 R. 31*  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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

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

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

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

How Tested.....

Length of Test.....

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

42,751

618

STATE OF MONTANA  
COUNTY OF LINCOLN  
Filed this 9<sup>th</sup> day of  
January A.D. 1951  
at 4:50 P.M.  
Edwin S. Vaughn  
County Clerk.  
By \_\_\_\_\_ Deputy

File No.....

JUL 20 1966

T 31 R 31

DUPLICATE

Billie \_\_\_\_\_ McDermott \_\_\_\_\_  
 Butzerin \_\_\_\_\_ McNulty \_\_\_\_\_  
 Coyle \_\_\_\_\_  
 Dickert \_\_\_\_\_  
 County Lincoln  
**STATE OF MONTANA**  
**ADMINISTRATOR OF GROUNDWATER CODE**  
**OFFICE OF STATE ENGINEER**

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

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

(Under Chapter 237, Montana Session Laws, 1961)

0'-1' Sandy top soil.  
 1'-31' Sand.  
 31'-40' Tight clay and gravel.  
 40'-43' Gravel, sand, and water.

Owner Harold Shrewsberry Address Libby, Mont.

Driller William D. Lake Address Libby, Mont.

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

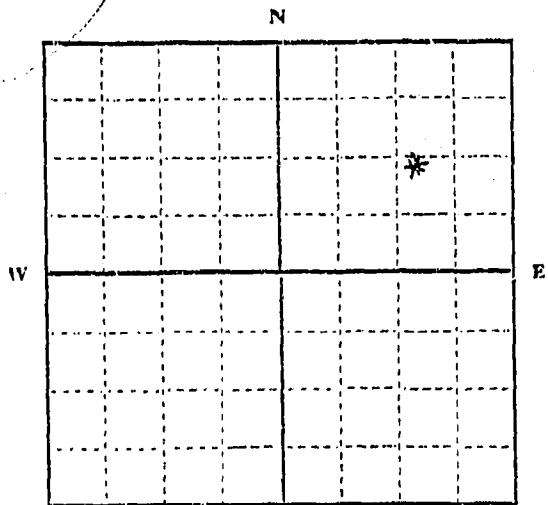
Date well started April 25, 1966 Date Completed April 25, 1966

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	From (Feet)	To (Feet)
6" I.D.	18.97 lbs. per foot	0'	43'	none		



LOT 1, of Thorsin Tracts  
 NE 1/4 Sec. 29 T. 31 R. 31  
 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 24 feet.

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

Pumping Water Level 27 feet at 15 gal. per minute.

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

How Tested bailer Length of Test 2 hrs.

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

152  
Driller's License Number

Wm D Lake  
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.

41236

553

STATE OF MONTANA  
COUNTY OF LINCOLN

COM. REC. 101

STATE OF MONTANA  
 COUNTY OF LINCOLN  
 Filed this 7<sup>th</sup> day of  
July A. D. 1886  
 at 4:15 P.M.  
Edmund L. Vaughan  
 County Clerk  
 By Herbert H. Johnson  
 Deputy

*[Faint, mostly illegible text and markings, possibly bleed-through or ghosting from the reverse side of the page. Some words like "Warrant" and "Return" are faintly visible.]*

69  
74

RECEIVED

File No. ....

T. 31 R. 31

DUPLICATE

DEC 29 1969

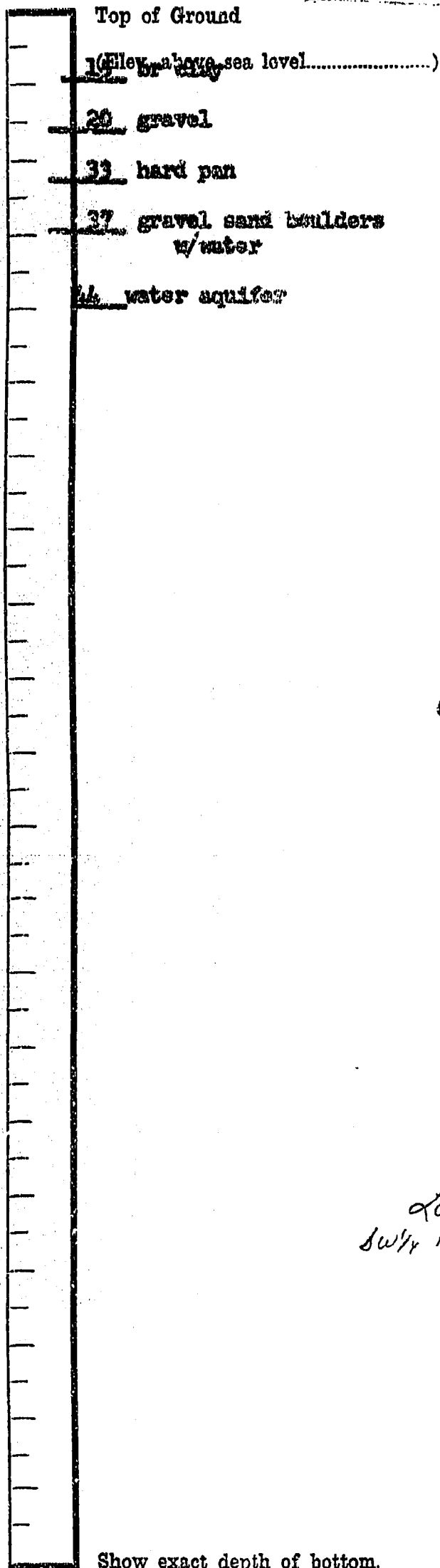
County LINCOLN

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION 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)



Owner Elna ~~SW 1/4 TANNERS~~ Address LIBBY, MONTANA

Driller O & L FLEMING & NEAT Address LIBBY, MONTANA

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

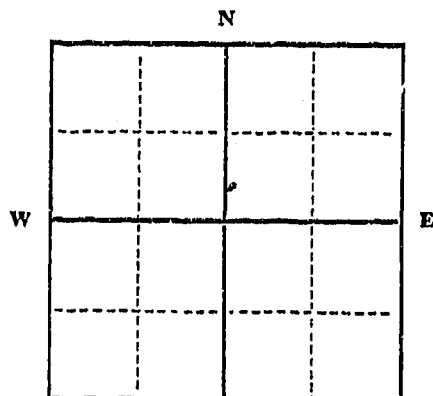
Date well started 6/7/69 Date completed 6/7/69

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 5/8 O.D.	17#	0	44	1/2 round	0	4



Static Water Level for non-flowing well ..... 25 feet.

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

Pumping Water Level..... 22 feet  
at..... 15 gal. per minute.

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

How Tested balad

Length of Test..... 1 hour

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

*Lot 77 2nd 1st Range 1st SW 1/4 NW 1/4 NE 1/4 Sec. 29 T. 31 R. 31*  
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.

..... 143 Driller's License Number

*Clifford J. Bucher*  
Driller's Signature

*46007*

723

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 23rd day of

December A. D. 1967

at 12:45 P. M.

Eleanor L. Vaughan  
County Clerk.

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

\_\_\_\_\_ Deputy

\_\_\_\_\_ Deputy

\_\_\_\_\_ Deputy

\_\_\_\_\_ Deputy

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\_\_\_\_\_ Deputy

*[Faint, mostly illegible text, possibly bleed-through from the reverse side of the page]*

GW 2 Doc. No. 800  
 Filed for record  
 File No. this 5 day of November 1971  
 A. D. 19 71, at 12 o'clock P. M.  
 DUPLICATE  
 LOG NOV 9 1971

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

T. 31 R. 31  
 County Lincoln

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 Richard D. Tanker Address Rt 2 Box 453  
Libby, Mt.

Driller William D. Lake Address Libby, Mont

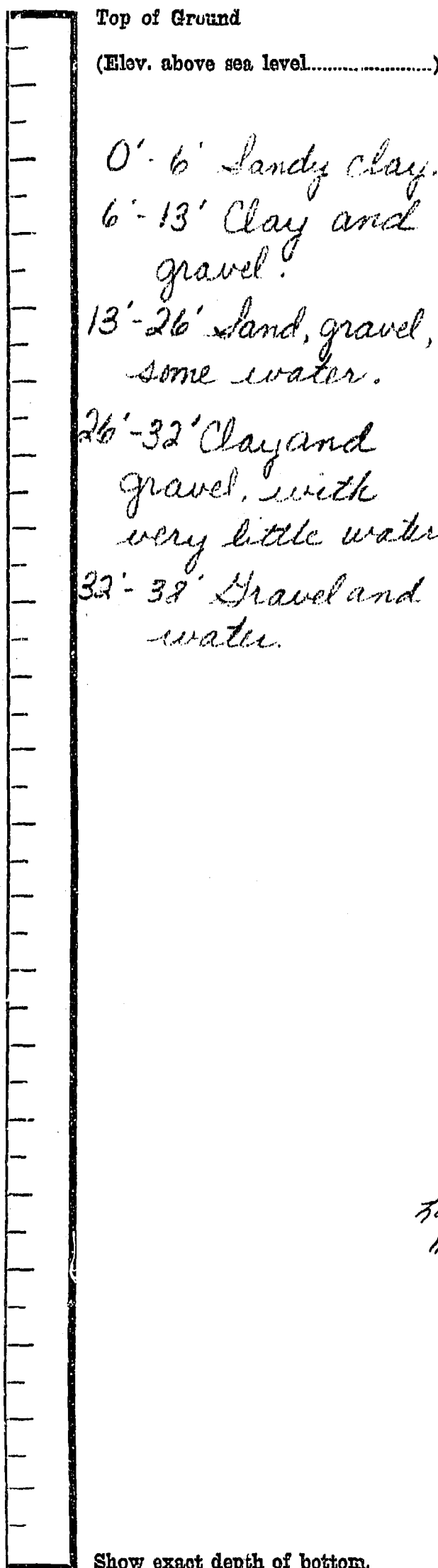
Date of Notice of appropriation of groundwater.....

Date well started Aug 16, 1967 Date completed Aug 17, 1967

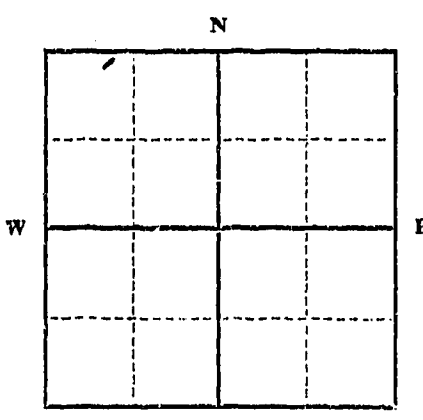
Type of well drilled Equipment used Churn  
 (Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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)
6" I.D.	6 3/4" O.D. 18.97 lbs. per foot	0'	38'	none		



Static Water Level for non-flowing well ..... 14 feet.  
 Shut-in Pressure for Flowing Well.....  
 Pumping Water Level..... 15 feet  
 at..... 12 gal. per minute.  
 Discharge in gal. per min. of flowing well .....

How Tested..... Water  
 Length of Test..... 1 hour

Remarks: (Gravel packing, cementing, packers, type of shutoff).....  
 Lot 49 1st Add Rawlins Rd  
 NW 1/4 Sec 29 T. 31 R. 31 W

(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 152  
 Driller's Signature William D. Lake

49352

INDEXED

# 800

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 5th day of November A. D. 1921  
 at 1:25 P. M.  
 by Clarence R. Vaughan County Clerk.  
Carl H. ... Deputy


Clarence R. Vaughan  
 County Clerk



RECEIVED

File No. ....

APR 21 1972

T. 31 R. 31

DUPLICATE

County Lincoln

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE STATE WATER CONSERVATION BOARD



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

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

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

- 0' - 1' Topsoil.
1' - 14' Loose Clay and Gravel.
14' - 28' Tight Clay and Gravel.
28' - 38' Clay, Sand, and Gravel.
38' - 45' Sand, Gravel, and Water.
45' - 52' Tight Clay and Gravel.
52' - 54' Sand, Gravel, and Water.

Owner Donald J. Peterson Address.....

Driller William D. Lake Address Libby, Montana

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

Date well started July 28, 1969 Date completed August 4, 1969

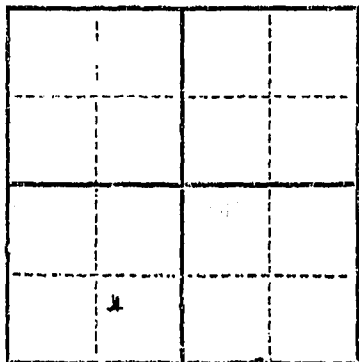
Type of well Drilled Equipment used Churn (Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic [X] 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.

Table with columns: Size of Drilled Hole, Size and Weight of Casing, From (Feet), To (Feet), PERFORATIONS (Kind Size, From (Feet), To (Feet)).

Doc. No. 858 Filed for record this 13th day of April A. D. 1972 at 2:15 o'clock P.M.



Static Water Level for non-flowing well 38 feet.

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

Pumping Water Level 40 feet at 15 gal. per minute.

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

How Tested Pump

Length of Test 4 Hours

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

SW 1/4 Sec 29 T. 31 N. R. 31 W. E 1/2 Lot 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

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.

152 Driller's License Number

Wm D Lake Driller's Signature

50,247

858

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 13th day of April A. D. 1972

at 2115 M.

By Edmund L. Laughon County Clerk

Mac Watson Deputy

Address Libby, Montana 59923  
Location T. 31N R. 31W Sec. 29  
Doc. No. 858

Center Resources Division  
Engineering Bureau  
Groundwater Section  
Sam W. Mitchell Building  
Helena, Montana 59601

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide, as indicated in red on the attached form, the owner's name and

address.

Thank you.

RECEIVED

JUN 2 1972

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

Water Resources Division  
 Engineering Bureau  
 Groundwater Section  
 Sam W. Mitchell Building  
 Helena, Montana 59601

Address Libby, Montana 59923  
 Location T. 31N R. 31W Sec. 29  
 Doc. No. 858

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide, as indicated in red on the attached form, the owner's name and address.

Thank you.

**RECEIVED**

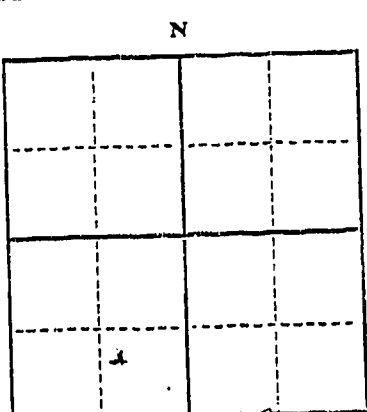
JUN 2 1972

MONTANA DEPARTMENT OF NATURAL  
 RESOURCES AND CONSERVATION

depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Depth (Feet)	Character of Strata	Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
						Kind Size	From (Feet)	To (Feet)
0 - 52'	Clay and gravel.							
52' - 53'	Sand, gravel, and layer.	6" I. D.	6 5/8" O.D. 17.00 lbs. per foot	0	53'	None		

Doc. No. 858  
 Date of report 13th April  
 A. D. 1972  
 Name P



Static Water Level for non-flowing well ..... feet.  
 Shut-in Pressure for Flowing Well.....  
 Pumping Water Level..... feet  
 at..... gal. per minute.  
 Discharge in gal. per min. of flowing well .....  
 How Tested.....  
 Length of Test.....  
 Remarks: (Gravel packing, cementing, packers, type of shutoff).....

**RECEIVED**

JUN 2 1972

MONTANA DEPARTMENT OF NATURAL  
 RESOURCES AND CONSERVATION

SW 1/4 Sec 29 T. 31 N. R. 31 W.  
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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

Show exact depth of bottom.

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

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

Driller's License Number  
 Driller's Signature

50,247

DUPLICATE

APR 21 1972

County Lincoln

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

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

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

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

- 0' - 1' Topsoil.
- 1' - 14' Loose clay and gravel.
- 14' - 28' Tight clay and gravel.
- 28' - 38' Clay, sand, and gravel.
- 38' - 45' Sand, gravel, and water.
- 45' - 52' Tight clay and gravel.
- 52' - 58' Sand, gravel, and water.

Owner Donald F. Peterson Address Box 824 Libby, Mont.

Driller Bill Peterson Address Libby, Montana

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

Date well started July 22, 1969 Date completed August 1, 1969

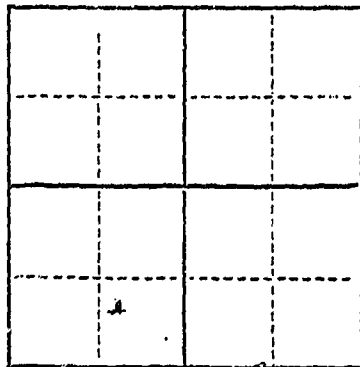
Type of well Artesian Equipment used Churn  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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)
6" I. P.	6 5/8" O.D. 17.30 lbs. per foot	0	58			

Doc. No. 858  
Filed for record  
Date 13th April  
A.D. 1972  
at 2:15



E 1/2 Lot 14, Kauling's Tracts  
SW 1/4 Sec 29, T 31 N, R 31 W  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well  
.....22.....feet.

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

Pumping Water Level.....10.....feet  
at.....15.....gal. per minute.

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

How Tested.....Churn.....

Length of Test.....1 hour.....

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

**RECEIVED**

JUN 2 1972

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

(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

William D. Peterson

Driller's Signature.

50,247

DUPLICATE

APR 21 1972

County Lincoln

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE STATE WATER CONSERVATION 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)

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

- 0' - 1' Topsoil.
- 1' - 1 1/2' Loose Clay and Gravel.
- 1 1/2' - 28' Tight Clay and Gravel.
- 28' - 39' Clay, Sand, and Gravel.
- 39' - 45' Sand, Gravel, and Water.
- 45' - 52' Tight Clay and Gravel.
- 52' - 54' Sand, Gravel, and Water.

Owner Donald F. Peterson Address Box 824, Libby, Mont.

Driller William D. Lake Address Libby, Montana

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

Date well started July 22, 1969 Date completed August 4, 1969

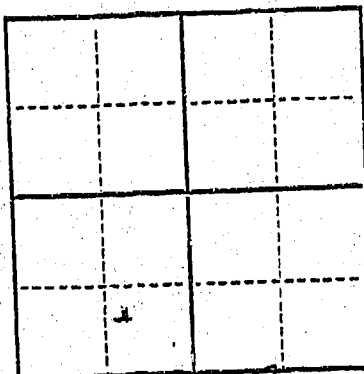
Type of well Drilled Equipment used Churn  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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 Casings	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I. D.	6 5/8" O. D. 17.00 lbs. per foot	0	54		None	

Doc. No. 858  
Filed for Record this 13th day of April A. D. 19 72 at 2:15 P.M.



E 1/2 Lot 14, Kawdy's Subd.  
SW 1/4 Sec. 29 T. 31 N. R. 31 W.  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 32 feet.

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

Pumping Water Level 10 feet

at 15 gal. per minute.

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

How Tested Churn

Length of Test 1 hour

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

**RECEIVED**

JUN 2 1972

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

(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 132

Driller's Signature William D. Lake

50,247

File No. ....

T. 31 R. 31

DUPLICATE

County Lincoln

LOG RECEIVED  
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

OCT 31 1968

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

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

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

0'-1' Topsoil. Owner Martha B. Thieman Address 310 - East 5th -

1'-13' Clay and Loose Gravel. Driller William D. Lake Address Libby, Montana 59923

13'-22' Sand and Gravel. Date of Notice of appropriation of groundwater.....

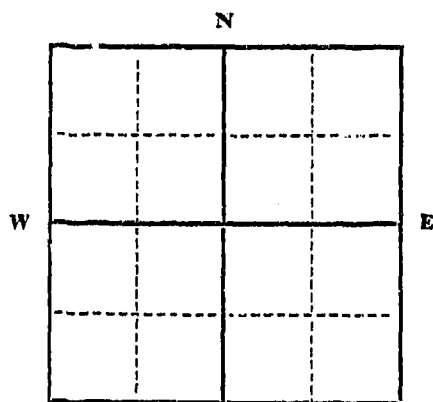
22'-35' Sand and Water. Date well started Sept. 6, 1968 Date completed Sept. 7, 1968

35'-38' Clay and Gravel. Type of well Drilled Equipment used Churn  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

38'-39' Gravel and Water. Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I. D.	6 5/8" O.D. 17.00 LBS. per foot	0	39			



Static Water Level for non-flowing well ..... 18 feet.

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

Pumping Water Level..... 22 feet at 12 gal. per minute.

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

How Tested... pump

Length of Test... 3 hours

Lot 88, Rawlrigs Rd., 374  
1/4 Sec. 29, T. 21, R. 31  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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

(Continue on reverse side)

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



Show exact depth of bottom.

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

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

152  
Driller's License Number

W D Lake  
Driller's Signature.

44, 729

INDEXED

656

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 11 day of  
October A. D. 1968

at 11:45 A. M.  
Eleanor T. Douglas  
County Clerk.

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

RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS  
OF LINCOLN COUNTY, MONTANA  
Pursuant to the provisions of the Montana Code Annotated, Chapter 10, Part 2, Section 10-201, the Board of County Commissioners of Lincoln County, Montana, do hereby resolve that the following person be appointed to the position of \_\_\_\_\_

\_\_\_\_\_


Approved in full by the Board of County Commissioners of Lincoln County, Montana, this \_\_\_\_\_ day of \_\_\_\_\_, 1968.

File No. ....

T. 31 R. 31

DUPLICATE

MONTANA WATER RESOURCES BOARD

County Lincoln

LOG

RECEIVED

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

STATE WATER CONSERVATION BOARD

MAR 7 1969

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

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

Top of Ground

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

0'-6' Well Pit.

Owner Victor Machacek Address Rt 2 Box 511-B

6'-28' Clay and Gravel.

Driller William D. Lake Address Libby, Montana

28'-44' Gravel and Boulders

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

44'-62' Clay and Gravel.

Date well started Sept. 1, 1968 Date completed Sept. 6, 1968

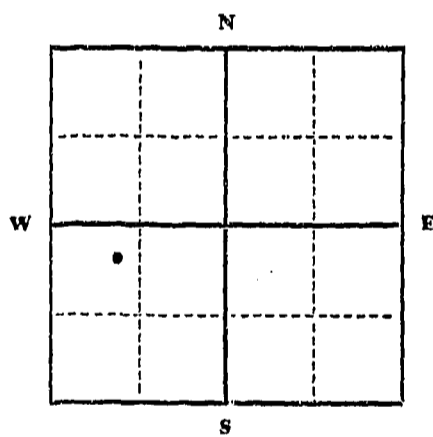
62'-67' Sand, Gravel with Water.

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)
6" I.D.	6 5/8" O.D. 17.00Lbs. per foot	6	67		none	



Static Water Level for non-flowing well 50 feet.

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

Pumping Water Level 51 feet

at 18 gal. per minute.

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

How Tested pump

Length of Test 1 hour

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

S 1/2 NE 1/4 Sec 29 T31 R31  
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.

152  
Driller's License Number

Wm D Lake  
Driller's Signature.

45,042



# 680

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 5<sup>th</sup> day of

March A. D. 1969

at 3:05 P.M.

By Edward L. Vaughn  
County Clerk.

Terrell J. Higgins  
Deputy

File No. ....

T. 31 R. 31

DUPLICATE

MONTANA WATER RESOURCES BOARD

County Libby

LOG RECEIVED

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JUL 11 1967

Top of Ground

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

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0'-5' - Pit.

5'-35' - Clay,  
Gravel & Boulders.

35'-47' - Sand and  
fine gravel.

47'-50' Gravel and  
water.

Owner Donald D. & Gladys K. MacKinnon Address Libby, Montana

Driller William D. Lake Address Libby, Montana

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

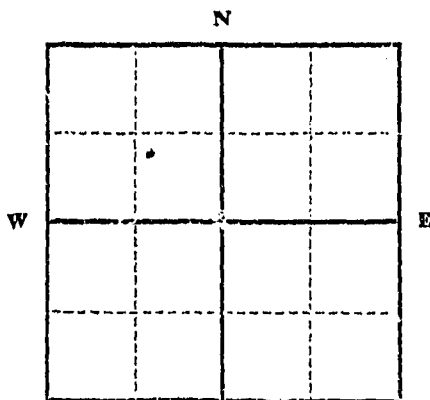
Date well started March 4, 1967 Date completed March 6, 1967

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)
6" I.D.	6 5/8" O.D. 18.97 lbs. per foot	5	50		none	



Lot 60 - Rawlins 1st 1st 1st  
SE 1/4 Sec 29 T. 31 R. 31  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well ..... 31 feet.

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

Pumping Water Level..... 32 feet  
at..... 12 gal. per minute.

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

How Tested..... pump

Length of Test..... 1 hour

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

(Continue on ..... 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.

152  
Driller's License Number

William D. Lake  
Driller's Signature

45,325

691

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 11<sup>th</sup> day of

June A. D. 1967

at 8:30 A. M.

By Edward L. Vaughn  
County Clerk.

Verdell J. Heyburn  
Deputy

*[Faint, mostly illegible text, possibly a transcript or list of items]*

*[Table with multiple columns and rows, containing faint text and possibly numerical data]*

File No. ....

MONTANA WATER RESOURCES BOARD

T. .... R. ....

DUPLICATE

RECEIVED

County Lincoln

LOG JAN 21 1970

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

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

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

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

0'-5' Pit. Owner Bruce May Address.....  
5'-24' Loose Gravel. Driller William D. Lake Address Libby, Montana  
24'-42' Tight Clay, Gravel, and Boulders. Date of Notice of appropriation of groundwater.....  
42'-53' Gravel, Sand and Water. Date well started September 19, 1969 Date completed September 26, 1969

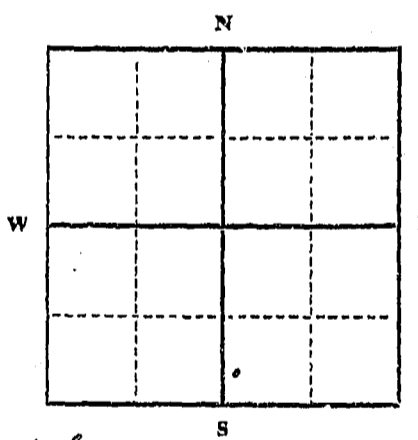
Type of well Drilled Equipment used Churn  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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.

Doc. No. 725  
Filed for record  
this 19 day of January 6<sup>th</sup> T.D.  
A. D. 19 70, at 9:20  
o'clock 2 M.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	6 5/8" O.D. 17.00 lbs. per foot	5	53		None	



Static Water Level for non-flowing well ..... 40 feet.  
Shut-in Pressure for Flowing Well.....  
Pumping Water Level..... 43 feet  
at..... 10 gal. per minute.  
Discharge in gal. per min. of flowing well .....

How Tested..... Bailer  
Length of Test..... 2 Hours

1/2 Lot 8  
S. 1/4, T. 31 N., R. 31 E., Sec. 27  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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

(Continue on reverse side)

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

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.  
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

152  
Driller's License Number  
William D. Lake  
Driller's Signature  
46083

# 725 INDEXED

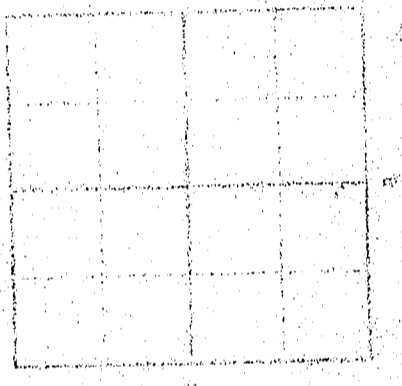
STATE OF MONTANA  
COUNTY OF LINCOLN  
CLERK OF DISTRICT COURT

STATE OF MONTANA  
COUNTY OF LINCOLN  
CLERK OF DISTRICT COURT

RETURNED TO SENDER  
NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES

STATE OF MONTANA  
COUNTY OF LINCOLN  
CLERK OF DISTRICT COURT

STATE OF MONTANA  
COUNTY OF LINCOLN  
FILED this 19th day of  
January A. D. 1970.  
at 9:20 A. M.  
Clemens L. Vaughan  
County Clerk  
Betty Stuebel  
Deputy



RECEIVED  
JAN 20 1970  
CLERK OF DISTRICT COURT  
COUNTY OF LINCOLN  
STATE OF MONTANA

MONTANA WATER RESOURCES BOARD  
**RECEIVED**

FEB 20 1970

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

Recently a copy of a groundwater appropriation form,

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

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

This form is identified by

Owner \_\_\_\_\_ Address \_\_\_\_\_

Location T. 31N., R. 31W., Sec. 29 Document No. 725

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

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

To the driller: Please indicate owner of well and provide his appropriate address.

Other.

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

*Douglas G. Smith*

**USE**—If used for irrigation, industrial, drainage or other purposes, 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.

152  
Driller's License Number

*Tom D. Sale*  
Driller's Signature.

*46083*

MONTANA WATER RESOURCES BOARD  
**RECEIVED**

LOG JAN 21 1970

T.....R.....  
County Lincoln

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION 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)

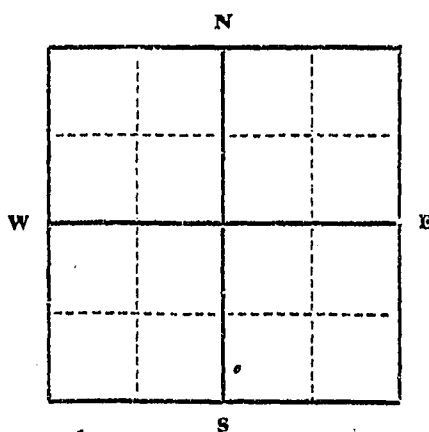
Top of Ground  
(Elev. above sea level.....)

0'-5' **Fit.** Owner Bruce May Address Libby, Montana  
5'-24' **Loose Gravel.** Driller William D. Lake Address Libby, Montana  
24'-42' **Tight Clay, Gravel, and Boulders.** Date of Notice of appropriation of groundwater.....  
42'-53' **Gravel, Sand and Water.** Date well started September 19, 1969 Date completed September 26, 1969  
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.

Doc. No. 725  
Filed for record  
this 19 day of January 6 A.M.  
A. D. 19 70, at 9:20  
o'clock 2 M.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	6 5/8" O.D. 17.00 lbs. per foot	5	53		None	



N 1/2 Lot 8  
S. 1. 1/4 1/4 Sec. 27 T. 31. R. 31.  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well ..... 40 feet.  
Shut-in Pressure for Flowing Well.....  
Pumping Water Level..... 43 feet  
at 10 gal. per minute.  
Discharge in gal. per min. of flowing well .....

How Tested Bailer  
Length of Test 2 Hours  
Remarks: (Gravel packing, cementing, packers, type of shutoff).....

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

152  
Driller's License Number  
William D. Lake  
Driller's Signature.

46083

MONTANA WATER RESOURCES BOARD  
**RECEIVED**

LOG JAN 21 1970

T. R.  
County Lincoln

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION 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)

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

- 0'-5' Pit.
- 5'-24' Loose Gravel.
- 24'-42' Tight Clay, Gravel, and Boulders.
- 42'-53' Gravel, Sand and Water.

Owner Bruce May Address Libby, Montana

Driller William D. Lake Address Libby, Montana

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

Date well started September 19, 1969 Date completed September 26, 1969

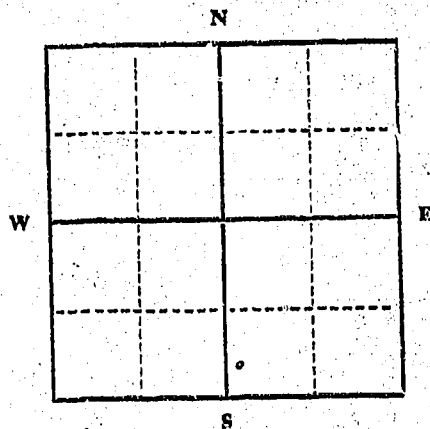
Type of well Drilled Equipment used Churn  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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.

Doc. No. 725  
Filed for record  
this 19 day of January  
A. D. 19 70, at 9:20  
o'clock a.M.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	6 5/8" O.D. 17.00 lbs. per foot	5	53		None	



N 1/2 Lot 8  
S. 1/4 1/4 Sec. 27 T. 31. R. 31.  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well.....46 feet.

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

Pumping Water Level.....43 feet

at.....10 gal. per minute

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

How Tested.....Bailer

Length of Test.....2 Hours

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

152  
Driller's License Number

William D. Lake  
Driller's Signature.

46083



File No. ....

RECEIVED

T. .... R. ....

DUPLICATE

FEB 17 1972

County Lincoln

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION 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)

Owner Donald M. Crasch address Libby, Mont.

Driller C. L. Peltz & Hg. Inc. address Libby, Mont.

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

Date well started 5-14-69 Date completed 5-14-69

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

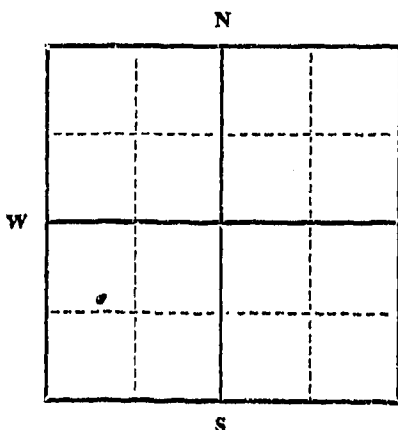
Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

Doc. No. #846  
Filed for record  
this 14<sup>th</sup> day of February  
A. D. 19 72 at 1:20  
o'clock P. M.

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	#17	0'	49'	1/2 Round	0'	4'



Sec. 14 T. 31 R. 31  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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

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

Pumping Water Level.....31 feet  
at.....15 gal. per minute.

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

How Tested.....baled

Length of Test.....2 hr

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

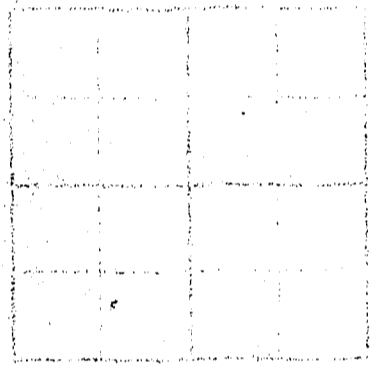
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

141  
Driller's License Number

Clifford J. Tucker  
Driller's Signature

49,879

#846



*Handwritten notes and signatures in the upper middle section of the document.*

STATE OF MONTANA  
COUNTY OF LINCOLN  
Filed this 14<sup>th</sup> day of  
February A. D. 1972  
at 1:20 P.M.  
Salmon, Idaho  
County Clerk  
By Betty Thacker  
Deputy

RECORDED VALUE 17400000  
EXEMPTION BY VALUE OF 1000  
HOUSE OF REPRESENTATIVES OF MONTANA  
STATE OF MONTANA  
DEPARTMENT OF REVENUE  
STATE OF MONTANA  
DEPARTMENT OF REVENUE  
STATE OF MONTANA

*Vertical stamp or text on the right edge of the document.*

File No.....

T. 31 N. R. 31 W.

DUPLICATE

County Lincoln

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

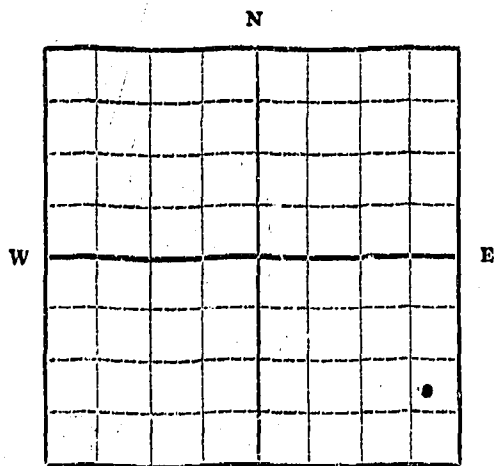
Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
APR 4 1963

STATE ENGINEER

1. John L. & Phyllis D. Luger of Rt. 1, Box 16-82 Libby  
(Name of Appropriator) (Address) (Town)

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



W 1/2 NE 1/4  
SE 1/4 SE Sec. 29 T. 31 R. 31

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

- 2. The beneficial use on which the claim is based Domestic use at two (2) residences.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been September 1959. Use has been continuous.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 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 Yard and garden areas only (sprinkling)
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Water is withdrawn by a 1 1/2 HP. pump. Capacity 1000 gals. per hr. Location as shown on diagram.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 6, 1959 June 11, 1959.

8. The depth of water table Water at 52 ft. Casing driven to 87 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 casing is 6" steel pipe driven to a depth of 87 ft.

10. The estimated amount of groundwater withdrawn each year 750,000 Gallons

11. The log of formations encountered in the drilling of each well if available Surface 6' is clay--next 16' sand, next 25' (approx) gravel--next 6" hardpan--then gravel. This is formation is accurate for the first 24 ft. and the rest is from memory of the drilling operation.

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 It is my belief that the water vein tapped by this well is the same vein of gravel that is exposed approximately 800' away near Kootenai River level where a large "spring" runs water continuously.

Signature of Owner

*John L. Luger*  
*Phyllis D. Luger*

Date 28 March 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.

1116

# 66

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 1st day of  
April A. D. 1963

at 4:49 P. M.  
M. M. Mansfield  
County Clerk

By Mae Wilson  
Deputy

File No.....

RECEIVED

T. 31 N. R. 31 W.

DUPLICATE

JUN 5 1968

County Lincoln

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD



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

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

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

- 0'-1' Topsoil.
- 1'-6' Sandy Clay.
- 6'-12' Sand and Gravel.
- 12'-24' Sand and Water.
- 24'-27' Tight Clay and Gravel.
- 27'-28' Sand, Gravel and Water.

Owner: Jerome B. Ledum and Libby, Montana

Driller: William D. Lake Address: Libby, Montana

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

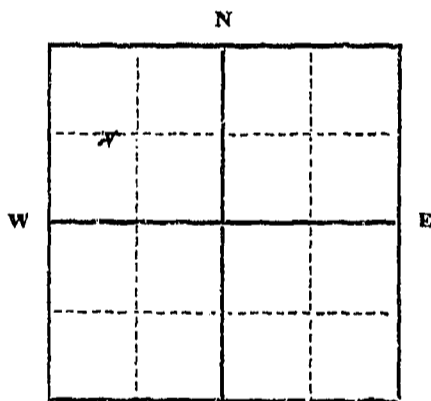
Date well started May 8, 1968 Date completed May 9, 1968

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)
6" I. D.	6 5/8" O. D. 17.00 lbs. per foot	0'	28'	NONE		



Static Water Level for non-flowing well ..... 12 feet.

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

Pumping Water Level..... 13 feet  
at..... 12 gal. per minute.

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

How Tested..... pump

Length of Test..... 1 hour

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

Rawlins Road  
Lot #43 29  
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.

All questions. If not applicable, so state, otherwise the form will be returned.

152  
Driller's License Number

William D. Lake  
Driller's Signature.

44,190

637

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 29th day of May  
A. D. 1968  
at 2:05 P.M.  
Charles L. Laughon  
County Clerk.  
By Mar. Katorn  
Deputy

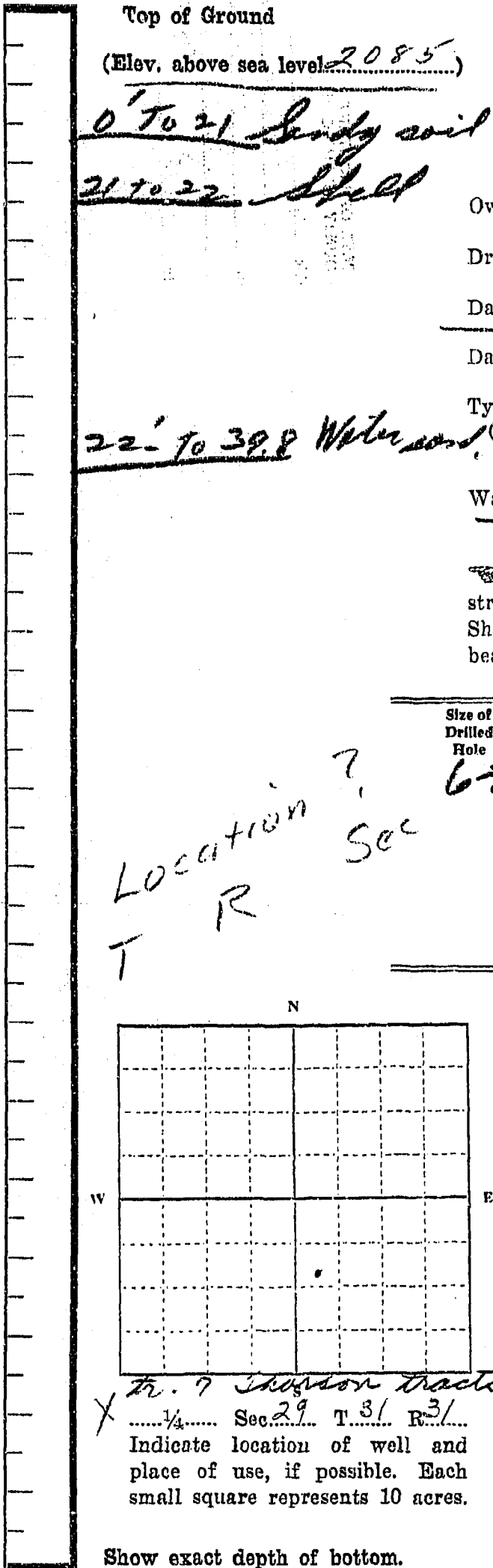
RECEIVED  
MAY 29 1968  
COUNTY OF LINCOLN  
MONTANA

*[Faint, mostly illegible text from the reverse side of the document, including what appears to be a signature and some printed text.]*

File No. ....

DUPLICATE

RECEIVED  
 JAN 3 1965  
 STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER  
 AUG 14 1964



**Notice of Completion of Groundwater Appropriation by Means of Well**  
 (Under Chapter 237, Montana Session Laws, 1961)

Owner Peter Israelson Address Libby Mont.

Driller C. R. Plumbing Address Libby

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

Date well started 7-23-64 Date Completed 7-24-64

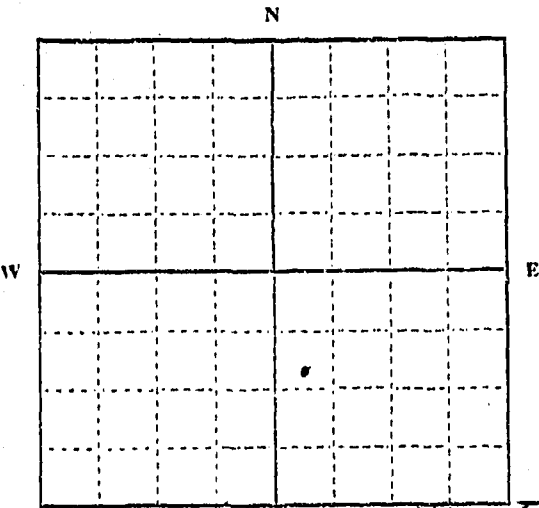
Type of well Drilled Equipment Used Churn  
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)

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)
<u>6 5/8</u>	<u>6 5/8 17 lb.</u>	<u>0</u>	<u>39.8</u>	<u>1/2"</u>	<u>39.8</u>	<u>37</u>

Location ?  
 T R Sec



Tr. 7 Section Tracts  
 X 1/4 Sec 29 T 31 R 31  
 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 no pump on well feet.

Shut-in Pressure for Flowing Well no pump on well

Pumping Water Level 18' feet at ..... gal. per minute.

Discharge in gal. per min. of flowing well 25 gal/min

How Tested Ball Length of Test 1 hr

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

not applicable

#141  
 Driller's License Number

Ronald J. McCluskey  
 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.

INDEXED

#764

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 5<sup>th</sup> day of

August A. D. 1911

at 1:20 P. M.

By E. M. Mansfield  
County Clerk

By W. M. Higgins  
Deputy



RECEIVED

File No. ....

T. 31 R. 31

DUPLICATE

SEP 5 1967

County Lincoln

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)

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

0' - 8' Sandy Clay.  
8' - 15' Sand, and  
gravel.  
15' - 28' Sand and  
some water.  
28' - 31' Light clay  
and gravel.  
31' - 32' Gravel and  
water.

Owner..... Address.....

Driller William D. Lake Address Libby, Mont

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

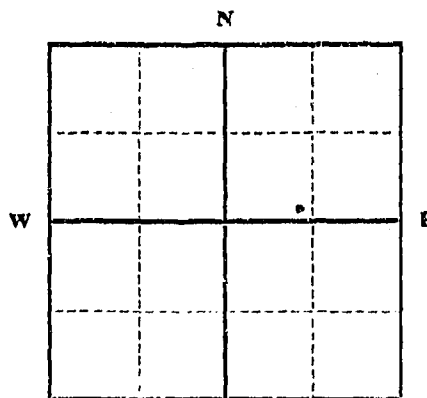
Date well started Aug. 14, 1967 Date completed Aug. 14, 1967

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)
6" I.D.	6 3/8" O.D.	0'	32'	none		



5 1/2 Lot 87 <sup>S</sup> Rawlins Road  
2nd Add.  
S 1/4 NE Sec. 27 T. 31 R. 31  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well ..... 13 feet.

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

Pumping Water Level..... 14 feet  
at..... 12 gal. per minute.

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

How Tested.....  pump

Length of Test.....  4 hrs

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

(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, two copy to be retained by driller.

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

152  
Driller's License Number

Wm D Lake  
Driller's Signature

42,260

RECEIVED

File No.....

SEP 5 1967

T. 31 R. 31

County Lincoln

DUPLICATE

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)

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

0' - 8' Sandy Clay.  
8' - 15' Sand, and  
gravel.  
15' - 28' Sand and  
some water.  
28' - 31' Tight clay  
and gravel.  
31' - 32' Gravel and  
water.

Owner..... Address.....

Driller William D. Lake Address Libby Mont.

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

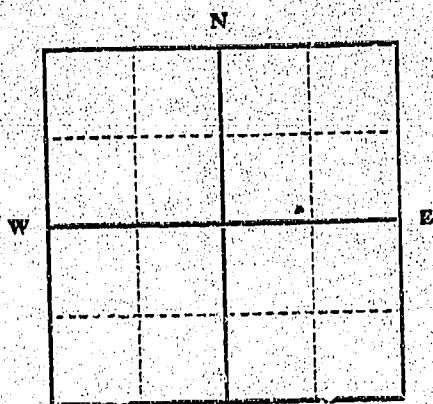
Date well started Aug. 14, 1967 Date completed Aug. 14, 1967

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)
6" O.D.	6 3/8" O.D.	0'	32'	none		



Static Water Level for non-flowing well ..... 13 feet.

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

Pumping Water Level..... 14 feet  
at..... 12 gal. per minute.

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

How Tested..... pumped

Length of Test..... 4 hrs

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

5/2 Lot 87 <sup>S</sup> Rawlins Road  
2nd Ab.  
SW 1/4 NE Sec. 29, T. 31, R. 31  
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.

152  
Driller's License Number

W D Lake  
Driller's Signature

42,260

RECEIVED  
MONTANA WATER RESOURCES BOARD

#597

SEP 2 1967

STATE OF MONTANA  
COUNTY OF LINCOLN  
Filed this 25th day of August A.D. 1967  
at 2:45 P.M.  
By Edmond K. Vaughan County Clerk  
Verdel Sigdem Deputy

Notice of Intention to State  
of Montana  
to be held on the 25th day of August, 1967, at 2:45 P.M. at the County Clerk's Office, Lincoln County, Montana.

Whereas, the State of Montana is a party to the International Convention for the Protection of the Rights of the Child, signed at Geneva, Switzerland, on November 20, 1959, and the same has been ratified by the State of Montana, and the same is now in force and effect in the State of Montana; and

Whereas, the State of Montana is a party to the International Convention for the Suppression and Punishment of the Crime of Apartheid, signed at Pretoria, South Africa, on July 9, 1948, and the same has been ratified by the State of Montana, and the same is now in force and effect in the State of Montana; and

Whereas, the State of Montana is a party to the International Convention for the Elimination of All Forms of Racial Discrimination, signed at Geneva, Switzerland, on July 7, 1948, and the same has been ratified by the State of Montana, and the same is now in force and effect in the State of Montana; and

File No. STATE WATER CONSERVATION BOARD

T. 31 R. 31

DUPLICATE

MAY 23 1967

County Lincoln

LOG File: McDermott STATE OF MONTANA  
Butler: McNulty ADMINISTRATOR OF GROUNDWATER CODE  
Coyne: Woolan OFFICE OF STATE ENGINEER  
Darlington: Sullivan  
Diekert:

Top of Ground  
(Elev. above sea level Diekert)

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)



0'-5' Pit  
5'-15' Gravel  
15'-30' Sand and fine gravel.  
30'-45' Clay, gravel and boulders.  
45'-58' Sand, gravel and water.

Owner: \_\_\_\_\_ Address: \_\_\_\_\_

Driller: William D. Lake Address: Libby, Montana

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

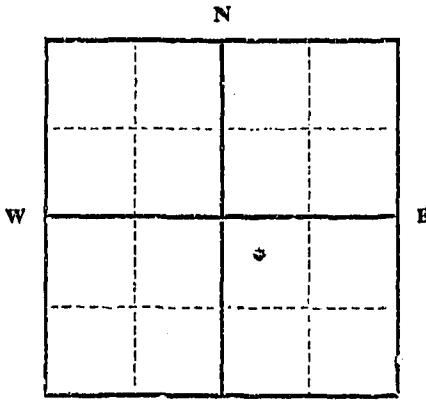
Date well started: April 13, 1967 Date completed: April 20, 1967

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)
6 5/8" O.D.		5	58			
6"	18.97 lbs. per foot				none	



1/2 Lot 35 - Rawlins Road  
NW 1/4 Sec. 14 Sec. 29 T. 31 R. 31  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 45 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_  
Pumping Water Level 42 feet

at 15 gal. per minute.  
Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested: bailey  
Length of Test: 1 hour

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

152  
Driller's License Number

William D. Lake  
Driller's Signature

42,007 ~~47547~~

# 584

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 15<sup>th</sup> day of May, A. D. 1967  
at 1:45 PM  
Elemer S. Vaughn  
County Clerk.  
By \_\_\_\_\_ Deputy

RETURN TO COUNTY CLERK  
COUNTY OF LINCOLN  
MONTANA


THIS DOCUMENT IS FILED IN THE  
OFFICE OF THE COUNTY CLERK  
COUNTY OF LINCOLN  
MONTANA

File No. ....

MONTANA WATER JUDGES BOARD  
**RECEIVED**

T. 31 R. 31  
County Libby

DUPLICATE

LOG

APR 16 1969

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

Top of Ground

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

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

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

0' - 4' Pit.

Owner Leonard L. Kaufman Address P.O. Box 415 Libby, Mont.

4' - 24' Sand and loose  
Gravel.

Driller William J. Lake Address Libby, Montana

24' - 36' Tight Clay, Gravel,  
and Boulders.

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

Date well started December 23, 1968 Date completed February 14, 1969

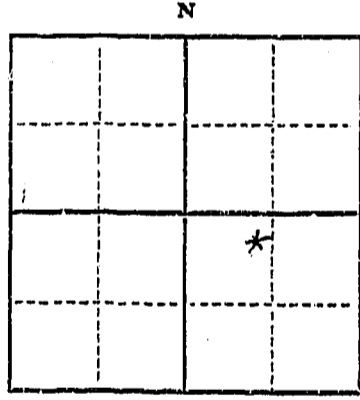
36' - 37' Sand, Gravel,  
with Water.

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)
6" I.D.	6 5/8" O.D. 17.00 lb. per foot	4	37		None	



Static Water Level for non-flowing well ..... 15 feet.

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

Pumping Water Level..... 20 feet

at..... 10 gal. per minute.

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

How Tested..... Flow

Length of Test..... 1 hour

Lot #37 Rawling's Tract

NW 1/4 SE 1/4 Sec 29 T. 31 R. 31

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

..... 152 .....  
Driller's License Number

William J. Lake  
Driller's Signature.

45, 149

INDEXED 683

STATE OF MONTANA  
COUNTY OF LINCOLN

Filed this 14th day of  
April A. D. 1909

at 3:45 P.M.  
Edmund J. Laughon  
County Clerk.

By Mae Watson  
Deputy

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 Richard J Johnson & Barbara Johnson

Address Rawlings Tracts  
P.O. Box 903

Date well started June 1966

completed June 1966

Type of well driven

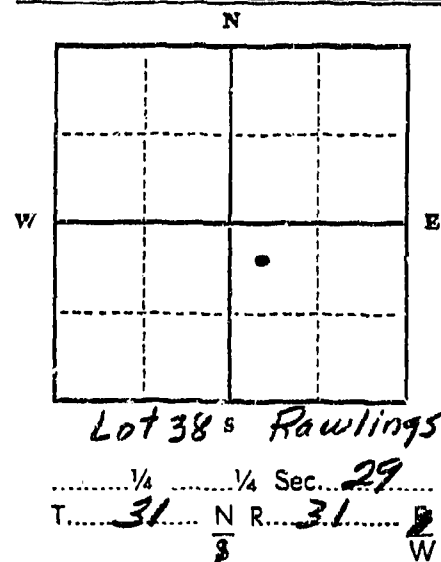
Equipment used Driver & Point

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		
				Kind Size	From (Feet)	To (Feet)
4"	1	35	4' perforated on sandpoint at bottom			



Static water level 10 ft.\*  
Pumping water level 30 ft.\*  
at 4 gallons per minute,  
measured        minutes after pumping began.  
\*Measured from ground level.  
Well developed by        hours.  
Power        Pump        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       

Driller's Address       

LICENSE NO.       

County Lincoln

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)	
1	12	sand
12	20	gravel
20	23	hard pan
23	33	gravel sand
		water

33 Show exact depth of bottom

54945