485

STATE OF MONTANA
COUNTY OF LINCOLN

21st day of May A. D. 19 65 A. M. 69 65

M M Mansfield
County Clerk.

By Mae Hatten
Deputy

GW 2

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

File No.....

T. 29 N R. 31 W

DUPLICATE

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 Clarence J. Lippert Address Rt. 1, Box 98 Libby, Montana

Driller None Address

Date of Notice of appropriation of groundwater Sept. 15, 1965

Date well started May 15, 1965 Date completed May 20, 1965

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

Water use: Domestic [x] Municipal [ ] Stock [x] Irrigation [x] 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.

LOG

Top of Ground

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

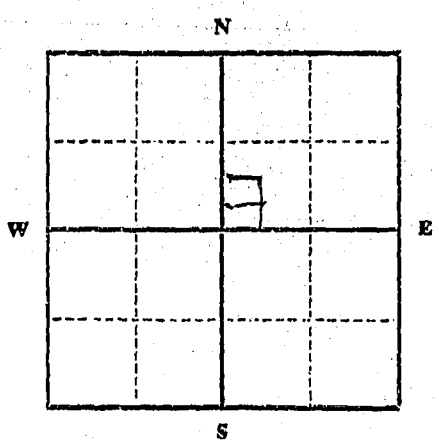
Soil & Rock near top and sand & clay & gravel on down to bottom of well.

8' Bottom of well

A spring of water was dug into at approximately 8'. The water rises in the 2' casing to approximately 18" from the top.

Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
	N O N E - Not Applicable					



SW¼NE¼ Sec. 2 T. 29N 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 2 feet.

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

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

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

How Tested by pump

Length of Test 24 hour

Remarks: (Gravel packing, cementing, packers, type of shutoff) Has 2' diameter cement casing Well is formed by a spring being dug into.

(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).

Not applicable

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

s/ Clarence J. Lippert

Driller's Signature

H0776

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 24th day of January A. D. 19 66

at 8:00 o'clock A. M.

Eleanor M. Vaughn
County Clerk

By ..... Deputy

#532

STATE WATER CONSERVATION BOARD

JAN 24 1966

Billeter	McDermott
Butzerin	McNulty
Coyle	Morton
Darlinton	Sullivan
Dickart	

LAW OFFICES
FENNESSY, CROCKER & HARMAN
505 MINERAL AVENUE
LIBBY, MT. 59923

J. F. FENNESSY, JR.
C. E. CROCKER
DAVID W. HARMAN
THOMAS R. BOSTOCK - ASSOCIATE

AREA CODE 406
TELEPHONE
293-4101
293-4102

May 18, 1977

RECEIVED
MAY 20 1977
MONT. DEPT. of NATURAL RESOURCES & CONSERVATION

Department of Natural
Resources and Conservation
Water Resources Division
32 South Ewing
Helena, Montana 59601

Attention: Tom Patton

Re: Clarence J. Lippert and Edith Lippert

Dear Mr. Patton:

I am an attorney in Libby and represent Mr. and Mrs. Clarence J. Lippert, of Libby. On September 15, 1965, Mr. Lippert filed a notice of completion of groundwater appropriation by means of well, form GW 2, with respect to a well dug on his property. The description of the land used on such notice of completion was erroneously recorded as the southwest quarter of the northeast quarter of Section 2, T/29/N, R/31/W. An accurate description would read as follows:

> The southeast quarter of the northwest quarter of section 2, T/29/N, R/31/W.

On January 19, 1966, Mr. and Mrs. Lippert filed a notice of appropriation with the Clerk and Recorder's Office here in Lincoln County, with regard to the spring water which they were diverting on their property. Likewise the property description which was contained in such notice of appropriation was erroneously recorded, being recorded as "tracts 5 and 6 of the southwest quarter of the northeast quarter of section 2, T/29/N, R/31/W, M.P.M." Again, the accurate description would be:

> Tracts 5 and 6 of the southeast quarter of the northwest quarter of section 2, T/29/N, R/31/W.

Mr. T. J. Reynolds of your department indicated to me that a letter representing these facts would be sufficient for purposes

of amending your records in Helena. Therefore, I hope that this letter is sufficient in that regard, and that if you have any questions, you will feel free to contact me.

Thanking you for your attention and cooperation in this matter, I am,

Yours truly,

FENNESSY, CROCKER & HARMAN

Thomas R. Bostock

pa

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

County Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA WATER RESOURCES BOARD
RECEIVED
APR 1 1971

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 Viona Thenson

Address Libby, Montana

For Administrator's Use
File 770 March 29, 1971 4:35 PM
GW 1

Date well started February 18, 1971

completed February 22, 1971

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

Equipment used Churn (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

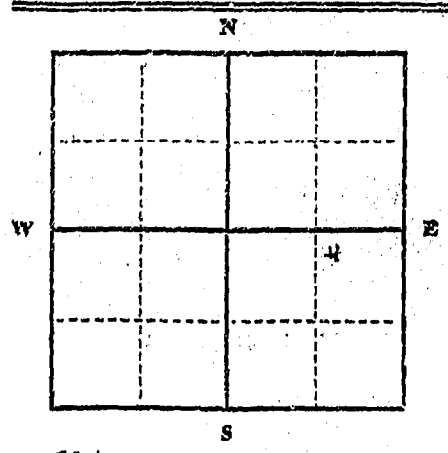
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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" O. D. 17.00 lbs. per foot	0	77		None	



NE ¼ SE ¼ Sec. 2
T. 27 N R. 31 ~~E~~ W

Static water level 56 ft.*
Pumping water level 61 ft.*
at 15 gallons per minute,
measured 240 minutes after pumping began.
*Measured from ground level.
Well developed by Pump
for 4 hours.
Power elec. Pump ½ 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 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)	
0	1	Topsoil.
1	31	Gravel and Sand.
31	49	Sand, Gravel & Clay.
49	70	Sandy Clay.
70	77	Gravel and Water.

77' Show exact depth of bottom

48380

770

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 29th day of March A. D. 1971 at 4:35 P. M.

Eleanor L. Vaughn
County Clerk.

By Mae Waters
Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—40472

File No.....

T. 29N R. 31W Sec 2

DUPLICATE

County Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 14 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Wallace Williams MARVIN Munson Address Libby, Mont

Driller Cal L Plumbing & Htg Address " "

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

Date well started June 11, 1964 Date Completed July 1, 1964

Type of well Drilled (dug, driven, bored or drilled) Equipment Used Churn (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.

~~Top of Ground~~

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

0-12 Sandy Silt

12-30 Brown Clay

30-31 gravel

31-70 Quicksand

70-73 Black granite Boulders

73-107 Yellow clay & Sand Rock

107-125 Brown Clay

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8"	19	0	209	¼" Round	203	209

Static Water Level for non-flowing Well 70 feet.

Shut-in Pressure for Flowing Well —

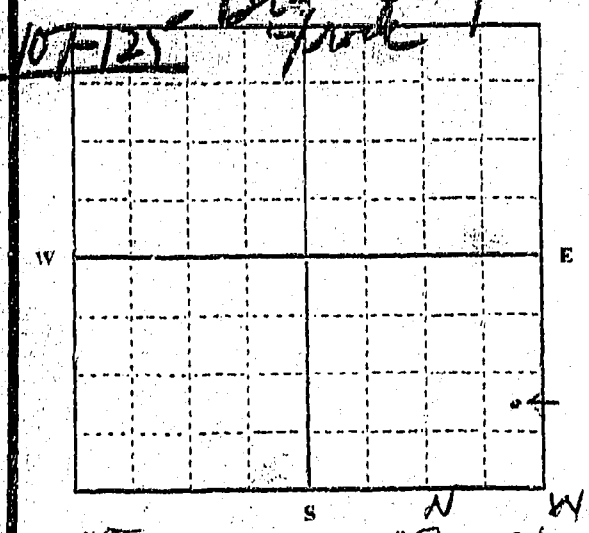
Pumping Water Level 180 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well —

How Tested Bailer & Pump Length of Test 6 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)

Wallace L Williams
Marvin Munson



NE¼ Sec 2 T 29 R 31

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

Show exact depth of bottom.

125 Sand & gravel water

141
Driller's License Number

Clifford Burkhart
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.

38380

INDEXED -463-

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 24th day of July A. D. 1964 at 2:25 P. M.

M. M. Mansfield
County Clerk

By Mae Watson
Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4047 3

File No. .....

STATE WATER CONSERVATION BOARD
RECEIVED
AUG 5 1965

DUPLICATE

T. 29 N. R. 31 W.

County Lincoln

REFERRED TO.....

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
topsoil
(Elev. above sea level.....)
4'
clay & gravel
15'
sandy clay
18'
Clay
58
hard shale
59'
sand & gravel
90'
hard pan
115' rock
sand
131 water.

Owner Leroy Oline Address Libby Mont

Driller C. & L. Pelly & Hlg Address Libby Mont

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

Date well started 7 Date Completed 7/16/65

Type of well drilled (dug, driven, bored or drilled) Equipment Used Churn (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"	6 5/8 od	-0-	-131-	1/2 Hole	-131-	-127-

N
W E
S

Lot 2
NW 1/4 NE 1/4 Sec. 3 T. 29 R. 31
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 70 feet.

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

Pumping Water Level 10 feet at 5 gal. per minute.

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

How Tested bailed Length of Test 4 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).....

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.

39391

STATE OF MONTANA
COUNTY OF LINCOLN
Filed the 27th day of
July A. D. 1965
at 4:55 P.M.
Emil W. Wantenidel
County Clerk
By Pat Kessler
Deputy

194

G

Approved Stock Form—State Publishing Co., Helena, Montana—42234 3

13

File No.....

T 29N R 31W

DUPLICATE

County Lincoln

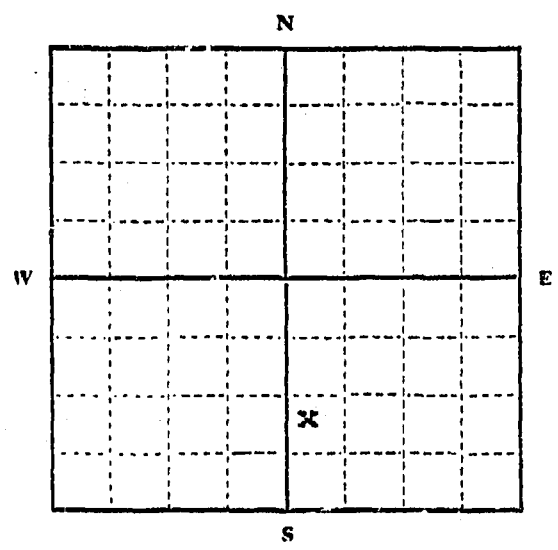
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 17 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Louis Bothman, 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 ¼ SE ¼ Sec. 13 T29N R31W

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 - domestic, stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
April 1949 to date

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

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
4½ acres in NW¼ of SE¼ of Sec 13, T 29N, R 31W, MPM in Lincoln County Montana.
Louis Bothman

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
one 1 inch pipe and one 1½ inch pipe; ½ HP electric motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 1949 begun and completed

8. The depth of water table 4 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 concrete pump 4' x 8'

10. The estimated amount of groundwater withdrawn each year 200,000 gallons

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

Signature of Owner s/ Louis Bothman

Date December ~~25~~ 30, 1963

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

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

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

34.937

#306

INDEXED

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 30th day of
December A. D. 1963
at 4:00 P M.
N. M. Mansfield
County Clerk.
By Verda Hyden
Deputy

GW 2

MONTANA WATER RESOURCES BOARD
RECEIVED
NOV 22 1968

Approved Stock Form—State Publishing Co., Helena, Montana—48557 3

File No.....

T. 29 R. 31

DUPLICATE

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)

30	Top of Ground clay & boulders
	(Elev. above sea level.....)
55	clay with rock
60	silty clay with gravel
80	clay
90	sandy silt & gravel
94	clay
96	hard shell
112	clay & rock
140	sandy silt and gravel
143	blue clay
151	sandy clay
160	brn clay
176	red clay & gravel
192	brn clay
222	blue clay
228	brn hard pan
257	" " "
265	brn clay
278	sandy silt
283	hard shell
285	sandy clay
310	hard pan
315	sandy silt little water
320	rock and pea gravel w/water
323	sand and pea gravel
333	clay and rock
345	coarse sand
352	coarse sand w/ clay
357	gray clay
362	sandy clay
384	gray clay and sand
389	soft silt
410	blue clay
423	" "
427	blue clay & gravel
435	blue clay
440	blue clay & gravel
452	blue clay
455	brn clay & rock trace of water
464	gray sandy rock very hard 4 to 5 gpm
465	bedrock 3 to 4 gpm

Show exact depth of bottom.

Owner FRANK BAGHE Address LIBBY MONTANA

Driller C & L PLUMBING & HEATING Address LIBBY MONTANA

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

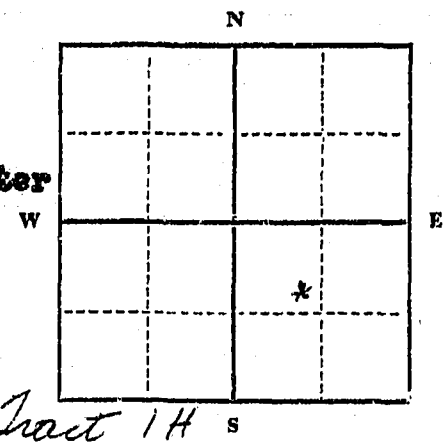
Date well started 7/26/68 Date completed 10/12/68

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 ☐

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 cl	17 #	0	465	½ rd.	0	4



Tract 1H

NW¼ SE ¼ Sec. 13 T. 29 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 100 feet.

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

Pumping Water Level 450 feet at 3 to 4 gal. per minute.

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

How Tested BAILED

Length of Test 8 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).

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.

111
Driller's License Number

Clifford R. Bucher
Driller's Signature.

44,796

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 15th day of November A.D. 1965
at 2:15 P.M.

Edward L. Clough
County Clerk

By Mae Thulen Deputy

669

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—46472

File No. .....

T. 29 N R. 31 W

DUPLICATE

County Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 29 1964
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.....)

0-85 Sandy Clay some water
85-88 Hard shell
88-130 Sand Gravel & clay
130-136 hard Shell
136-155 Clay
155-163 Clay & Gravel
163-202 Sand some clay
202-208 Water Sand

Owner W. C. Sollars Address Libby Mont.

Driller C. & L. Chandler Drilling Address Libby Mont.

Date of Notice of Appropriation of Groundwater September 17, 1964

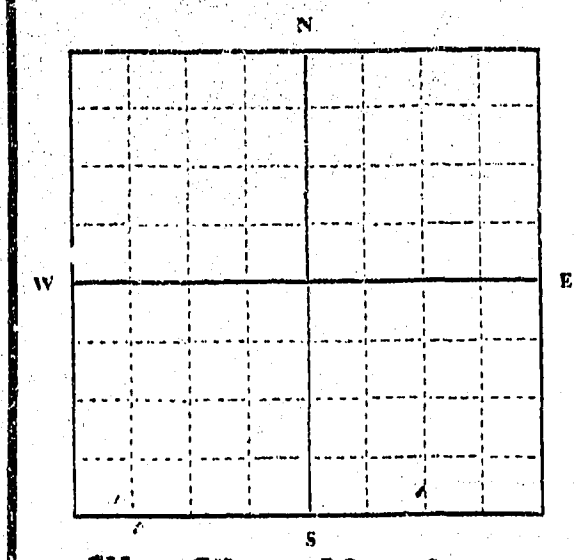
Date well started 8-21-64 Date Completed 9-9-64

Type of well Drilled (dug, driven, bored or drilled) Equipment Used Churn (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 19# Pipe	0	202.8	1/2" x 6"	201	202.8



SW¼ SE Sec. 13 T. 29 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 40 feet.

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

Pumping Water Level 125 feet at 5 gal. per minute.

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

How Tested Bailed 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) .....

141
Driller's License Number

Donald L. McCracken
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.

38612

469

INDEXED

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 17th day of September A. D. 19 64
at 3:05 P. M.

M. McMansfield
County Clerk

By Mae Hatton
Deputy

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.....

T. 29 N R. 31 W

DUPLICATE

County Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 27 1964

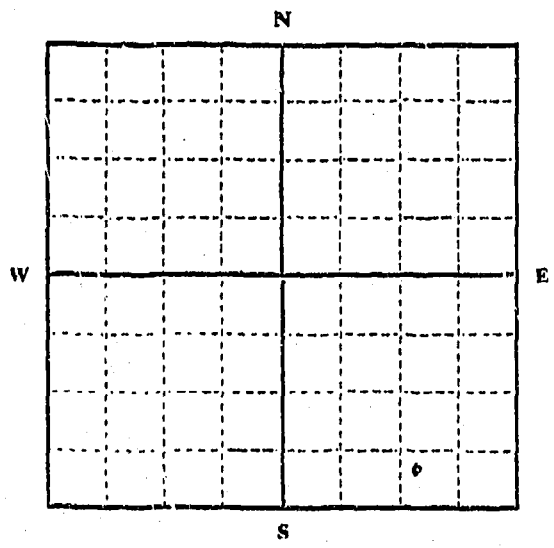
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. W.C.Zollars Sr., of Star Route #1 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:



SE ¼ SE Sec. 13 T. 29 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 and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July first 1951

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
SD-4,4 tracts in plat 176,in SW 1/4,SE 1/4 & SE 1/4 SE 1/4,Sec.13-T 29,R-31,3.30 acres owners W.C.Zollars Sr.& Irene R.Zollars

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater No wells constructed,pipe line layed from point of flow to point of placing under pressure.

8. The depth of water table No depth determined.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
No wells constructed.

10. The estimated amount of groundwater withdrawn each year 100000 Gallons

11. The log of formations encountered in the drilling of each well if available
No drilling done

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
Warranty deed Rec. Book 127,Page 555 Lincoln County,Montana

Signature of Owner W. C. Zollars Sr.

Date Dec 20-1963

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.

33900

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 20th day of December A. D. 19 62

at 9:55 A.M.

Mildred Mangelsen
County Clerk

By Mae Strabert
Deputy

208

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—232.

File No.....

STATE WATER CONSERVATION BOARD
JAN 3 1965

DUPLICATE

T. 29 N 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)

LOG

Bills ____ McDermott ____
Buffalo ____ McNulty ____
Coyle ____ Morton ____
Dickert ____ Sullivan ____

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

Owner Eugenio I. Carpio Address Star Route, Libby

Driller Ed Lewis Address Libby, Mont.

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

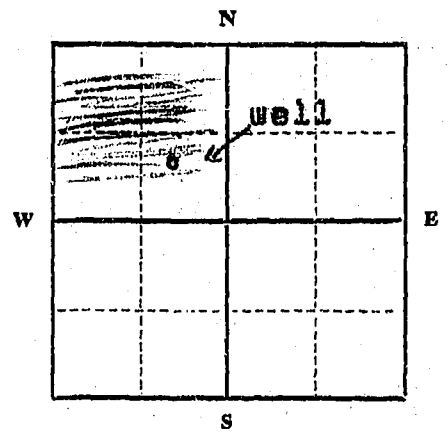
Date well started Oct. 1964 Date completed.....

Type of well dug (Dug, Driven, bored or drilled) Equipment used hand (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)
2 ft.	2 ft.	0	12	Drilled ½ in.	2	5



NW ¼ Sec. 14 T29 R31

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

Static Water Level for non-flowing well 5 feet.

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

Pumping Water Level 5 feet at 13 gal. per minute.

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

How Tested not 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).

½ acre of garden and lawn

Depth	
1	
2	
3	
4	
5	Gravel
6	
7	
8	
9	
10	
11	Clay
12	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

Ed Lewis
Driller's Signature

40321

530

STATE OF MONTANA
COUNTY OF LINCOLN
Filed this 30th day of December A.D. 1965
at 3:30 P.M.
Mildred Mayfield
County Clerk
By Mae Gibbens
Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—40472

File No.....

T. 29 R. 31

DUPLICATE

County Lincoln

MONTANA WATER RESOURCES BOARD
RECEIVED
MAY 23 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

(Under Chapter 237, Montana Session Laws, 1961)

0'- 4' Topsoil.

4'-10' Clay, Gravel, and Boulders.

10'-21' Broken Rock.

21'-108' Solid Rock with some crevices.

108'-132' Solid Rock with crevices.

Owner U.S. Forest Service Address Kootenai N. F. Libby, Montana

Driller William D. Lake Address Libby, Montana

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

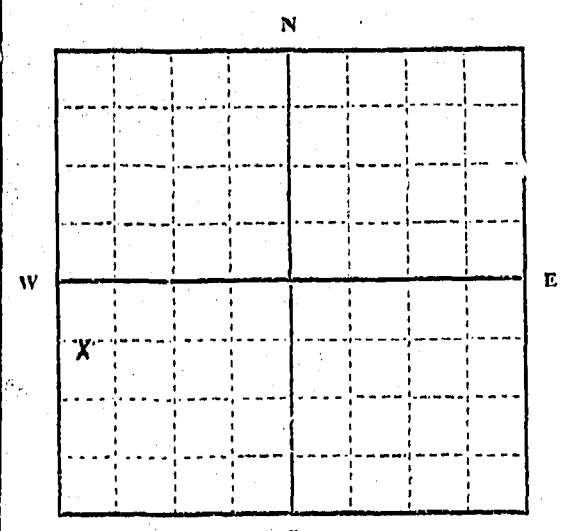
Date well started March 15, 1968 Date Completed April 4, 1968

Type of well drilled (dug, driven, bored or drilled) Equipment Used Churn (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)
8" I. D.	8 5/8" O.D. 28 lbs. per foot	0	132	30 holes (5 sets, 6 in each, 1 ft. apart)	11	18



NW 1/4 SW 1/4 Sec. 34 T. 29 R. 31

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

Static Water Level for non-flowing Well ground level feet.

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

Pumping Water Level 21.28 feet at 11 gal. per minute.

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

How Tested pump Length of Test 12 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).....

Show exact depth of bottom.

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.

44,151

629

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 9th day of April A. D. 19 68
at 1:15 P. M.
Eleanor L. Vaughn
County Clerk.
By Verle J. Hedden
Deputy

GROUNDWATER INDEX

County Lincoln Twp. 29 North Rge. 30 West

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
6	Geier, Vern	GW-2	970	
6	Greenup, Pete	GW-2	776	
6	Jydkins, James A.	GW-2	881	
18	Beck, Leo	GW-2	949	
18	Kennedy, Gerald L.	GW-2	936	
18	Lincoln Co. Airport Board	GW-2	917	
19	Kaskelas, Leonard	GW-2	153	
19	Maurer, W. L.		148	
19	Anderson, Henry H.	GW-2	874	
19	" "		388	
19	Enhemer, James	GW-2	499	
19	Eickman, Jim H.	GW-2	891	
19	Sandberg, Dennis	GW-2	764	
19	Hills, Robert H.	GW-2	49	
29	Hudson, Russell		45	
29	Jangen, Raymond L.		290	same form
30	" "		290	
30	U.S. Forest Service	GW-3	83	
30	U.S.A. / Ranger Station	GW-1	52	
30	" "	GW-1	58	
31	Grunmeir, Martin	GW-2	486	
31	Schneider, Clair A.	GW-2	570	
31	Maize, Lloyd	GW-2	616	
31	Davis, Martin F.	GW-2	968	
32	Maize, Lloyd P.		166	
32	" "		167	
	Makii, Wayne		172	

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

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 Vern Geier

Address Libby, Montana 59923

Date well started 3-22-72

completed 2-16-73

For Administrator's Use
File 970
June 25, 1973
GW 1 9:30 a.m.

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

Equipment used Churn
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

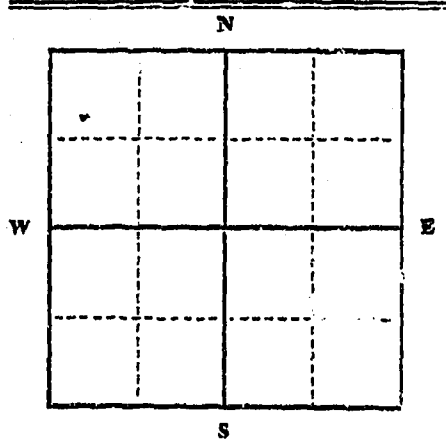
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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)
6 5/8"	6 5/8" 17#	+1	200	½" rd.	194	200



NW 1/4 NW 1/4 Sec. 6
T. 29 N R. 30 ~~E~~ W

Static water level 65' ft.*
Pumping water level 150 ft.*
at 4 gallons per minute,
measured 4 minutes after pumping began.
*Measured from ground level.
Well developed by air
for 6 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 Clifton J. Bracher

Driller's Address C & L Plumbing & Heating, Inc.

Box L, Libby, Montana 59923 LICENSE NO. 141

Lincoln County

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	4	Topsoil & pebbles
4	23	Soft brown clay
23	27	Broken rock & clay
27	45	Coarse gravel
45	54	Fine sand & gravel
54	70	Coarse sand
70	85	Heaving sand
85	116	Gray clay
116	135	Gray sand clay
135	144	Clay & gravel (silty water)
		bailer tested a 2 gpm -
		test pumped but unable to
		clean up - moved back on
		2-8-73
144	150	Silty sand
150	165	Cemented gravel - Hard
165	170	Brown clay and gravel soft
170	180	Yellow clay & gravel
180	182	Green rock - fra chipped
182	190	Green rock - hard
190	200	Blue green rock w/ fractures (water)

200 Show exact depth of bottom

54180

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 25th day of June A.D. 1973

at 9:30 P.M.

Clerk and Recorder

By [illegible] County Clerk

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—48557 3

File No.....

MONTANA WATER RESOURCES BOARD
RECEIVED
APR 23 1971

T. 29 R. 30

County Lincoln

DUPLICATE

LOG

Top of Ground

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

10' Brn clay
25' clay rock & gravel
28 Boulder · Hard
47 Gravel & rock
60 Gravel
70 Gravel
78 sand, gravel with water
80' silt & sand some water
93 silt rock some water
94 gravel, sand water.

Show exact depth of bottom.

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 Pete Greenup Address Naomi Greenup Libby Mont.

Driller C & L Plbg & Htg Inc Address Libby Mont.

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

Date well started 3/19/70 Date completed 3/9/70

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 ☐

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	6" 17#	0	94'	1/2 Rnd	0	4'

N
W
E
S

Lot 5 ¼ Sec. 6 T29N R30W

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

Static Water Level for non-flowing well 54 feet.

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

Pumping Water Level 80 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Baled

Length of Test 3 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).

Doc. No. 176
filed for record this 16th day of April A. D. 19 71, at 4:25 o'clock P. M.

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. Becker
Driller's Signature

48391

STATE OF NORTH
COUNTY OF LINCOLN

Filed this 16 day of
April A.D. 19 71
at 4:25 P.M.
Elizabeth L. Chesser
Mrs. Walters County Clerk
By Deputy

776

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
JUN 27 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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 James A Judkins

Address Rt. 1, Box 1162

Libby, Montana 59923

Date well started April 6, 1972

completed June 1, 1972

For Administrator's Use
File 881
June 23, 1972 2:05 p.m.
GW 1

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

Equipment used Air Rotary
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

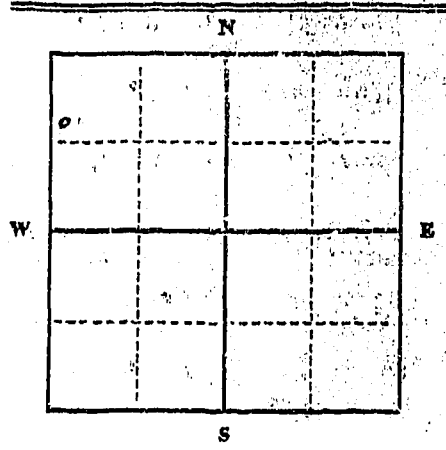
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 120,000 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 yr.	0	197	None 5" liner set from 142' to 183'		



NW ¼ NW ¼ Sec. 6
T. 29 N/S R. 30 E/W

Static water level 60 ft.*
Pumping water level 190 ft.*
at 2 gallons per minute
measured 360 minutes after pumping began.
*Measured from ground level.
Well developed by Air Compressor
for 6 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 Wm D Lake

Driller's Address P. O. Box 967

Libby, Montana 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)	
0	1	Topsoil.
1	63	Sandy Clay.
63	143	Silt.
143	163	Clay.
163	183	Clay and Gravel.
183	197	Broken Rock and Water.

197ft. Show exact depth of bottom

Sg 743

STATE OF MONTANA
COUNTY OF LINCOLN
Filed this 29 day of
January A.D. 19 92
at 2:05 P.M.
Margaret J. O'Hair
County Clerk.
By Mae A. Nelson
Deputy

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
JUN 12 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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 Leo Beck

Address Libby Mont

For Administrator's Use
File 949
MAY 29 1973
GW 1 1:40 p.m.

Date well started 4-28-73

completed 5-12-73

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

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

Water Use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐

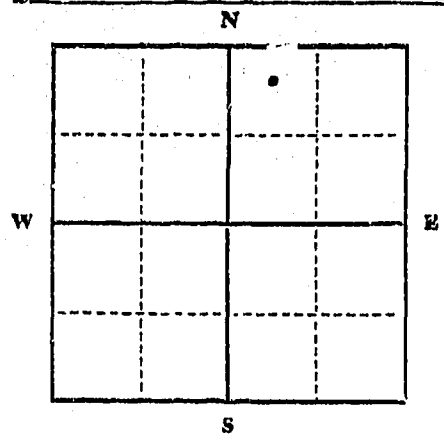
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	1 in 450D	+2	158			



NW ¼ NE ¼ Sec. 18
T. 29 N/S R. 30 E/W

Static water level 130 ft.*
Pumping water level 185 ft.*
at 3 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by Bailer
for 2 hours.
Power 230V Pump 3 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 Gold Point Drilling
Donald J. McCracken

Driller's Address RT 2 Box 508 Libby Mont

LICENSE NO. 222

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	25	Clay & Gravel
25	70	Sand Gravel & Silt
70	106	Loose Gravel
106	120	Silt & Gravel
120	140	Hard Pan Clay
140	143	Gravel Water time of water
143	170	Broken argillite Rock
170	190	Solid argillite

190' Show exact depth of bottom

53,459

949

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 29 day of May A. D. 19 73

at 1:40 o'clock P. M.

Coleman J. Vaught
County Clerk

By Mae Walker Deputy

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
APR 10 1973
DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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 Gerald G. Kenelty

Address Rt. 1, Box 1151

Libby, Montana 59923

Date well started January 16, 1973

completed January 20, 1973

For Administrator's Use
File 936
April 3, 1973
GW 1 9:30 A.m.

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

Equipment used Air Rotary (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

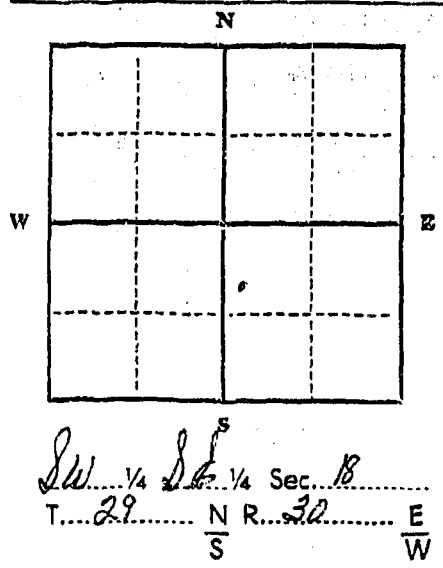
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 80,000 Gal. per year

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. pr.ft.	0	126	None		



SW ¼ SE ¼ Sec. 18
T. 29 N/S R. 30 E/W

Static water level 105 ft.*
Pumping water level ft.*
at est. 15 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by air compressor
for 2 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 Wm D Lobe

Driller's Address P. O. Box 967

Libby, Montana 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)	
0	1	Topsoil.
1	50	Sand and Gravel.
50	68	Sand.
68	95	Gravel, Clay, and Boulders.
95	105	Sand and Gravel.
105	126	Sand, Gravel, with Water.

126 ft. Show exact depth of bottom

52,850

#936

STATE OF MONTANA
COUNTY OF LINCOLN
Filed this 3rd day of April A. D. 19 73
at 9:30 o'clock A. M.
Geneva E. Vaughn
County Clerk.
By Betty J. Thomsen
Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—48557 3

File No. ..... MONTANA WATER RESOURCES BOARD

RECEIVED

DUPLICATE

LOG DEC 4 1969

T. 29 R. 30

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

3 (Elevation above sea level .....) topsoil

14' rock, gravel & sand

34' gray sand & gravel

64' gray sand & gravel

73' Brown sand

96' Brown sandy clay & sharp rocks.

97 very hard & caving

103 clay & rocks.

123' clay & rock gray

145' water sand.

150 sand caving water

157 sand & water

Show exact depth of bottom.

Owner Lincoln Co. Airport Board Address Libby Mont.

Driller C & L Plbg & Htg Inc Address Libby Montana

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

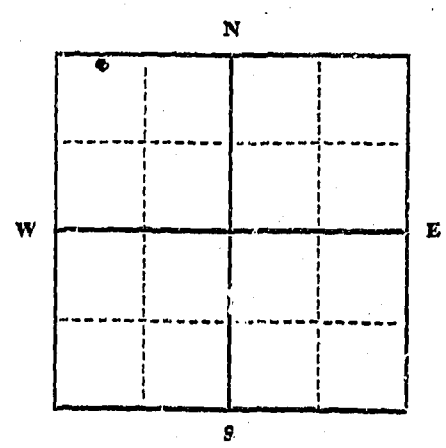
Date well started 9/25/69 Date completed 10/8/69

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 ☐

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	157	½ Rnd	0	4'



NW ¼ NW ¼ Sec. 18 T. 29 R. 30

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

Static Water Level for non-flowing well 120 feet.

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

Pumping Water Level 136 feet at 20 gal. per minute.

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

How Tested bailed

Length of Test 3 hr

Remarks: (Gravel packing, cementing, packers, type of shutoff) gravel packed back to 147' to shut off sand.

(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).

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

45933

717

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 1st day of December A. D. 19 62

at 4:30 P. M.

Eleanor L. Vaughn
County Clerk

By ..... Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—40472

File No.....

T. 29 N R. 30

DUPLICATE

County Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963
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.....)

5' clay

18 gravel

90' silt & clay

100 water sand

Owner: Leonard Koskela Address: Libby, Mont

Driller: C & L Plby Address: Libby, Mont

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

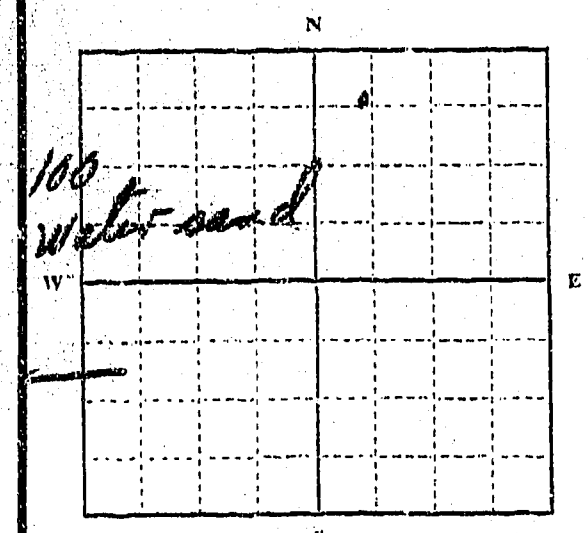
Date well started: Nov 19, 1962 Date Completed: Nov 23, 1962

Type of well: Drilled (dug, driven, bored or drilled) Equipment Used: Churn (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	100	1/2 wd	92	100



NW 1/4 NE 1/4 Sec. 19 T. 29 R. 30

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 18 feet.

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

Pumping Water Level 16 feet at 10 gal. per minute.

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

How Tested: Bailer Length of Test: 3 hrs

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

141
Driller's License Number

Sherman Marshall
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.

10371

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 15th day of November A. D. 19 63 at 10:00 A. M.

M. N. Mansfield
County Clerk.

By Mae W Etson
Deputy

Approved Stock Form—State Publishing Co., Helena, Montana—39089

19

File No.....

T. 29N R. 30W

DUPLICATE

County Lincoln

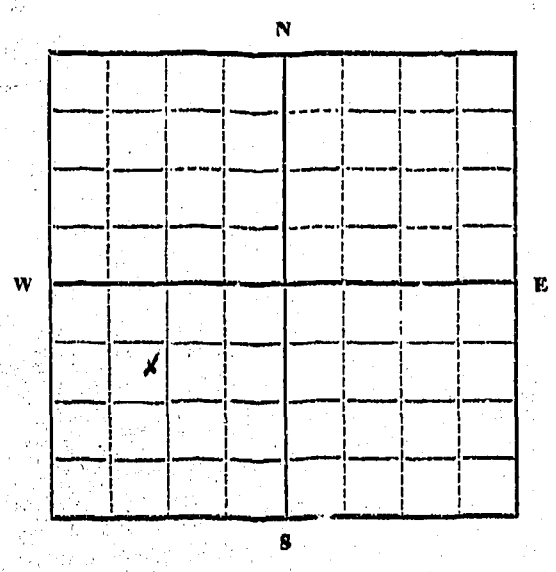
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 1 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. W. G. Maurer, 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:



SW ¼ 19 Sec. 19 T.29NR30W

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
human consumption

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July, 1959 to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 inches

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

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

1

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater commenced June 20, 1959; completed August 10, 1959
6-20-59 9-10-59

8. The depth of water table 3 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 12' - dug well
3' 12'

10. The estimated amount of groundwater withdrawn each year 50,000 gallons

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not available

Signature of Owner W. G. Maurer

Date October 4, 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.

6744

Approved Stock Form—State Publishing Co., Helena, Montana—39089

19

File No.....

T. 29N R. 30W

DUPLICATE

County Lincoln

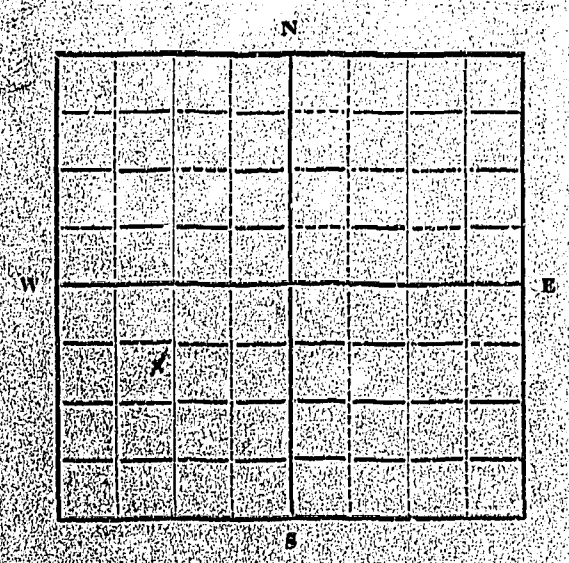
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 1 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. W. G. Maurer, 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:



SW ¼ 19 Sec. 19 T.29N R30W

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
human consumption

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July, 1959 to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 inches

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 6-20-59 1 9-10-59 commenced June 20, 1959; completed August 10, 1959

8. The depth of water table 3' feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 3' 12' 12' - dug well

10. The estimated amount of groundwater withdrawn each year 50,000 gallons

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not available

Signature of Owner W. G. Maurer

Date October 4, 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.

6744

#148

Reception No. .....
Recorded at the request of

.....

on the 29th of Oct. 1963
2:25 P.M.

Fee: .....

W. M. Mansfield by Verda Hughes
CLERK AND RECORDER, Deputy
Lincoln County Montana

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
JUN 15 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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 Henry H. & Minnie O. Andersen

Address Libby, Montana 59923

Date well started April 20, 1972

completed April 20, 1972

For Administrator's Use
File 874
June 2, 1972 2:15 p.m.
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 ☐

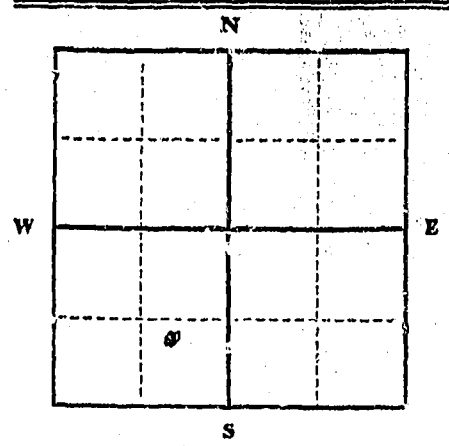
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 150,000 Gal. per year

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	40		None	



Static water level 18 ft.*
Pumping water level ft.*
at 60 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by air compressor
for 2 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

SE ¼ SW ¼ Sec. 19
T. 27 N R. 30 E
S W

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

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	1	Topsoil.
1	24	Clay, Gravel and Boulders.
24	40	Sand, Gravel and Water.

40 ft. Show exact depth of bottom

50,609

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 3rd day of June A. D. 19 72

at 9:15 o'clock A. M.

Gladys L. Vaughn
County Clerk.

By Mae Arden Deputy

GW 4

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T. 29 N R. 30 W 19

DUPLICATE

County Lincoln

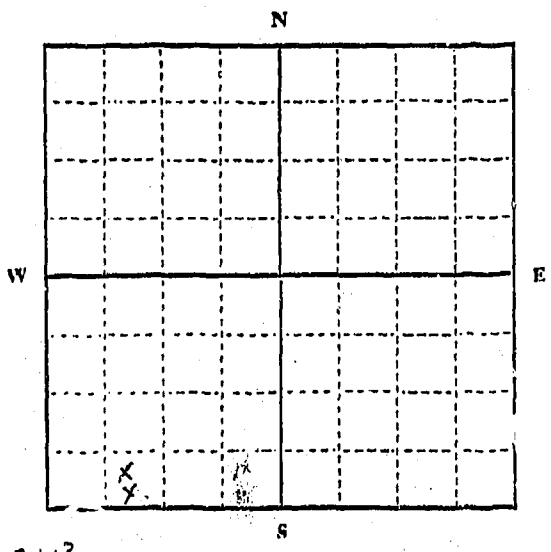
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 5 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. HENRY H. AND MINNIE O. ANDERSON, R.O.S., of BOX 38 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?
SE¼ SW Sec. 19 T. 29 R. 30

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 AND LIVESTOCK

3. Date or approximate date of earliest beneficial use; and how continuous the use has been # 1- 5/1/1955 # 2- 6/1/57 Through to May 1962.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) # 1 well- 550 gal per hr. # 2 well 750 gal per hour

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 7 acres- pasture & grass land

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater As per answer in # 3 question

8. The depth of water table #1 well 28 ft- # 2 well 60 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater # 1 well 2 inch casing # 2 well 4 inch casing.

10. The estimated amount of groundwater withdrawn each year varies from year to year dependent on usage- did not know such a question would come up so never gaged closely (pump capacity)

11. The log of formations encountered in the drilling of each well if available
1 well through 1 hardpan
2 well through 3 hardpans (heavy clay for 30 ft between 30 & 60 ft levels)

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 Henry H. Anderson
Minnie O. Anderson

Date 12/30/63

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.

35117

388

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 31st day of December A. D. 1963 at 11:22 17 M.

M. M. Manchester
County Clerk

By Mae Walton
Deputy

GW 2

STATE WATER CONSERVATION BOARD
RECEIVED
AUG 19 1965

Approved Stock Form—State Publishing Co., Helena, Montana—4047[redacted]3

File No.....

DUPLICATE

REFERRED TO.....

T. 29 N R. 30 W 19

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 James Cohenour Address Libby Mont

Driller C & L Pelby W/Dr Address Libby Mont

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

Date well started 7/2/65 Date Completed 7/9/65

Type of well drilled (dug, driven, bored or drilled) Equipment Used Churn (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 d	6 5/8 od	-0-	-133'-	1/2 Hole	133'	129'

Top of Ground

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

22' boulders

gravel & sand

48'

50 rock

boulder

57

gravel & sand

63'

Sandy Clay

75'

Brn clay

100'

Brn silt

125'

sand

water

133'

Static Water Level for non-flowing Well 100 feet.

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

Pumping Water Level 112 feet at 20 gal. per minute.

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

How Tested bailed Length of Test 1 1/2 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).....

N

W E

S

NW¼NE Sec. 19 T. 29 R. 30

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

Show exact depth of bottom.

141

Driller's License Number

Clifford J Bacher

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.

39448

STATE WATER CONSERVATION BOARD
RECEIVED
AUG 1 9 1965

#499

INDEXED

STATE OF MONTANA
COUNTY OF LINCOLN
Filed this 17th day of August A. D. 1965
at 10:45 A. M.
Wm. H. Whitehill County Clerk.
By Dorothy Stewart Deputy

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
AUG 21 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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 Timm Harold Eickmann or Sandra S. Eickmann

Address Rt. 2, Box 81

Libby, Montana 59923

Date well started July 7, 1972

completed July 13, 1972

For Administrator's Use
File 891
August 7, 1972 10:25 a.m.
GW 1

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

Equipment used Air Rotary Rig (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

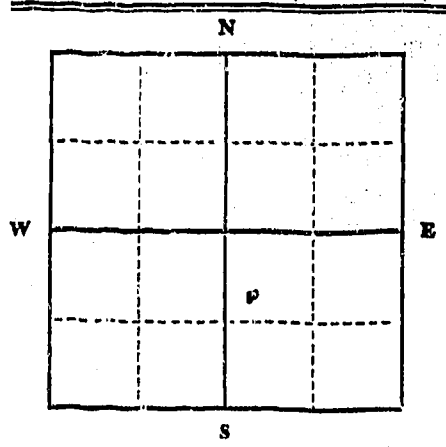
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 Gal. per year

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	222	None		



Static water level 38 ft.*
Pumping water level 130 ft.*
at 3 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by air compressor for 2 hours.
Power Deisel Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

SW¼NW¼ SE ¼ Sec. 19
T. 29 N R. 30 E
S W

R.J.D.

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

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	2	Topsoil.
2	35	Gravel and Boulders.
35	131	Clay and some Gravel.
131	134	Gravel and Water.
134	198	Clay and some Gravel.
198	222	Broken Rock.

222 Show exact depth of bottom

51,202

891

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 7th day of August A. D. 19 72

at 10:25 A. M.

Eleanor P. Vaughn
County Clerk.

By ..... Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4855 3

File No.....

T. 29 R. 30

DUPLICATE

County LINCOLN

MONTANA
REC
JAN 14 1971

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 ~~MARK RIDDLE~~ DENNIS JANDBERG Address LIBBY, MONT.

Driller C & L PLBG & HTG. Address LIBBY, MONT

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

Date well started 5-4-70 Date completed 5-8-70

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 ☐

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.

LOG

Top of Ground

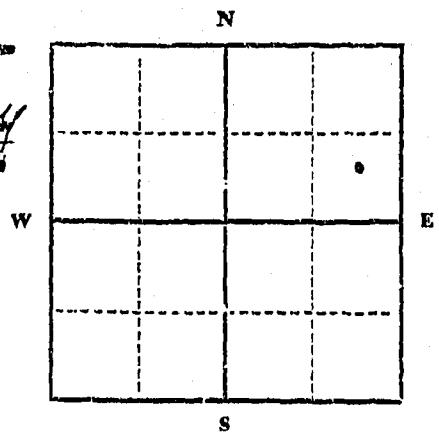
(Elev. above sea level.....)

5' — BROWN CLAY
9' — SANDY SILT
16 — BOULDER & COBBLES
25 — GRAVEL
28 — COARSE GRAVEL
41 — GRAVEL & SAND
48 — SANDY
60 — DRY SAND
70 — SANDY SILT - TRACE OF WATER
110 — FINE SAND & SILT SOME WATER W/ FLOATING SAND
120 — SILTY SAND & BLUE CLAY
124 — BROWN SILT
128 — HARD SAND & GRAVEL
130 — FIRM GRAVEL - WATER

Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6"-17#	0	138	1/2" RD.	126	130

Doc. No. 764
Filed for record
this 12 day of January
A. D. 19 71, at 1:00
o'clock P M.



N½ SE¼ Sec. 19 T. 29N R. 30W

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

Static Water Level for non-flowing well 70' feet.

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

Pumping Water Level 120' feet at 10 gal. per minute.

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

How Tested BAILED

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).

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

Cliffo D. Bucher
Driller's Signature

48001

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 12th day of January A. D. 19 71

at 1:00 o'clock P. M.

Lorraine L. Vaughn
County Clerk

By: Betty Stevenson
Deputy

GW 2

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

File No. 49

T. 29 R. 30

DUPLICATE

County Lincoln

RECEIVED DEC 26 1962 STATE ENGINEER

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.....)

3 ft top

13 ft boulders + gravel

56 ft course gravel

73 ft fine gravel

112 ft brown quicksand

163 ft yellow clay sand

170 ft gravel lots of sand & water

215 ft rock sand rock

Owner Robert H Hill Betty Jean Hills Address Star Rt 1 Libby

Driller Homer McClarty Address 945 8th Ave E. Kalispell

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

Date well started Mar 6, 1961 Date Completed May 6, 1961

Type of well drilled (dug, driven, bored or drilled) Equipment Used 2-4" Burgess Bible (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)
7" OD	23#		233			

N

W E

S

Land in NW1/4NE1/4 Sec. 19 T. 29 R. 30

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

Show exact depth of bottom. 233 ft. course sand & gravel

Static Water Level for non-flowing Well 90 feet.

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

Pumping Water Level 222 feet at 7 1/3 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).....

18
Driller's License Number

Homer McClarty
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.

2843.

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 18th day of December A. D. 1962 at 1:20 P. M.

M. M. Mansfield
County Clerk.

By Eleanor Vaughn
Deputy

G

Approved Stock Form—State Publishing Co., Helena, Montana—38687

29

File No.....

T 29N R 30W MPM

DUPLICATE

County Lincoln

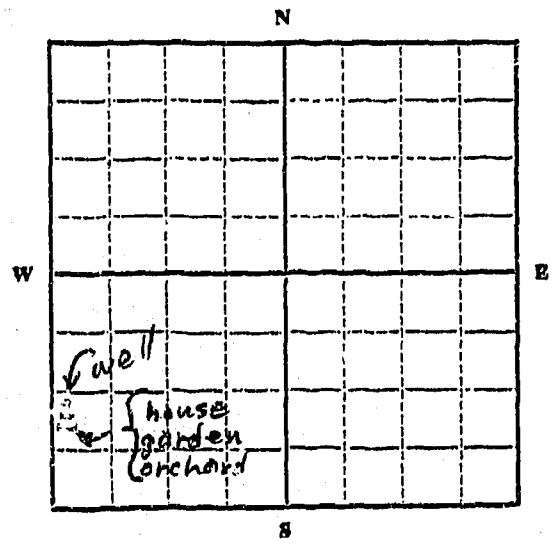
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 19 1962
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Russell Hugh Hudson (Name of Appropriator), of Star Rt #1 (Address) Libby (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 ¼ SW Sec. 29 T 29 R 30

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, lawns & pasture

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1960 intermittent for first 5 months, daily since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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 ½ acre in garden & orchard and 1 acre of pasture, all in SW¼ of SW¼, S29, T29-R30 Russell Hudson owner

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 6" steel casing well with a 1 HP electric pump - located in Root cellar near house

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater started in Dec 1959, completed in June 1960

8. The depth of water table 10 ft. to water, 17 ft. of water

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" steel casing, 27 ft. deep

10. The estimated amount of groundwater withdrawn each year 190,000 gallons

11. The log of formations encountered in the drilling of each well if available 2 ft. of glacial silt, 25 ft. of gravel (1" minus), then hit glacial silt again and no more water below this.

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 N-A-

Signature of Owner Russell H. Hudson

Date Nov 12, 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.

2526.

File #45

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 15th day of November A. D. 19 62
at 12:05 P. M.
M. M. Mansfield
County Clerk.
By Mae Watson
Deputy

G.

Approved Stock Form—State Publishing Co., Helena, Montana—40876 3

File No.....

T 29N R 30W Sec 29-30

DUPLICATE

County LINCOLN

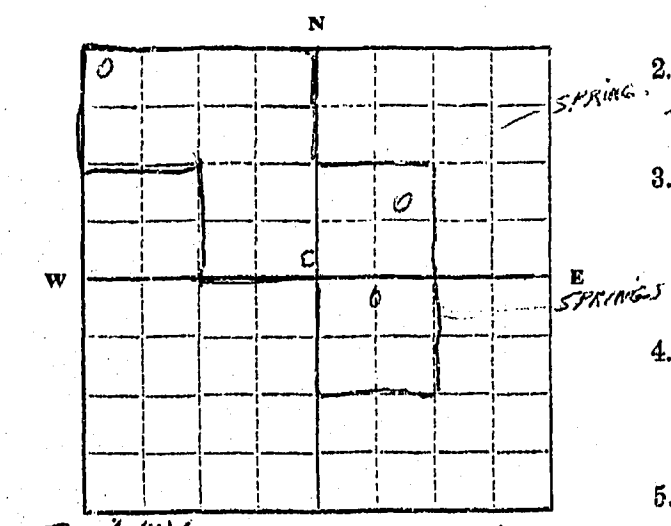
RECEIVED JAN 27 1964 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Raymond Grant Tanger, of Star Route Libby
(Name of Appropriator) (Address) (Town)
County of LINCOLN State of
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW¼NW¼ – NW¼SW¼ Sec 29
N½-NE – SE NE Sec 30
¼ Sec. T29 R. 30

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 use stock use & irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1947 in use since then

4. The amount of groundwater claimed (in miner's inches or gallons per minute) for every thing House stock & irrigation 11 months visited

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 40 acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. using a 1 use electric pump to pressure the house

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

8. The depth of water table VARIOUS 10' to 20' to ground level

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

10. The estimated amount of groundwater withdrawn each year 1 million gallons

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

NONE

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

Signature of Owner Raymond Tanger

Date Dec 30 1963

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

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

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

33885

290

INDEXED

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 30th day of
December A. D. 1963
at 4:38 P. M.
M. M. Mansfield
County Clerk.
By Mae Walson
Deputy

GW 3

30

File No.....

T. 29N R. 30W

DUPLICATE

County Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAY 20 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 5/13/63

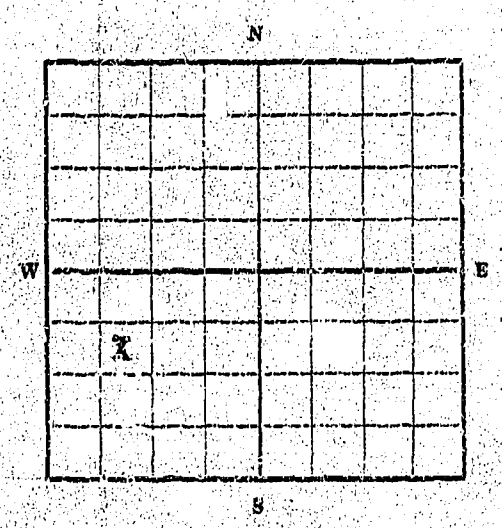
Owner U.S. Forest Service Address Libby, Montana

Contractor (if any) U. S. Forest Service

Address of Contractor Libby, Montana

Date Started 4/15/63 Date Completed 5/13/63

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Five foot deep spring box, five feet in diameter, cement with cover.



NW ¼ SW Sec. 30 T. 29N R. 30W

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use used annually from 5/1 to 10/31. 0.1 cu. ft. per second. For domestic campground use.

Signature of Owner W. J. Fredeking D.F.R.

Date 5/13/63

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

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

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

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

4392.

83

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 13th day of
May A. D. 19 63
at 4:15 P. M.
W. M. Mansfield
County Clerk.
By Mae Hatch
Deputy

GW 1

30

File No.....

T 29N R 30W

DUPLICATE

County Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 22 1963
STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, United States of America (Name of Appropriator), of Libby Ranger Station, Libby, Montana (Address) (Town) County of Lincoln, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is recreational use for Paul Bunyan campground, Sec. 30, T29N, R30W, MPM.
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed
10 gallons a minute.

4. The annual period (inclusive dates) of intended use May 1 to Oct. 31.

5. The probable or intended date of first beneficial use May 1, 1963

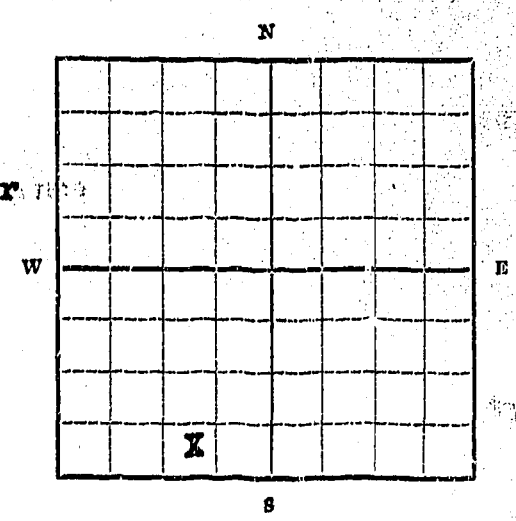
6. The probable or intended date of commencement and completion of the well* or wells*
April 1, 1963

7. The location, type, size and depth of well or wells contemplated Enclose existing natural spring with spring box and pump house; drill auxiliary well if needed. Estimated depth 0 to 100 feet.

8. The probable or estimated depth of the water table or artesian aquifer Ground level

9. Name, address and license number of the driller engaged None (not applicable at this time)

10. Give such other similar information as may be useful in carrying out the policy of this act. The purpose of this development is to fully supply the water needs for the proposed Paul Bunyan campground. SW¼, SE¼, SW¼, Sec. 30 T29N, R30W.



SW¼, SE¼, SW ¼ Sec. 30 T 29N R 30W

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

Signature of Appropriator Glenn A. Mueller Acting For. Supervisor

Date March 18, 1963

* As defined in the Code 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 artifically 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 School of Mines and Quadruplicate for the Appropriator.

-1004.