

RECEIVED

County Lincoln

JAN 19 1972

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

MONTANA DEPARTMENT OF WATER RESOURCES AND CONSERVATION

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 Robert McGee Ghee
 Address Troy, Montana
 Date well started Dec. 2, 1971
 completed Dec. 6, 1971

For Administrator's Use	
File #	<u>#236 Jan. 14, 1972</u>
Time	<u>4:30 p.m.</u>
GW	<u>1</u>

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	1	Topsoil.
1	22	Clay, Gravel and Boulders.
22	27	Sand, Gravel with Water.

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

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

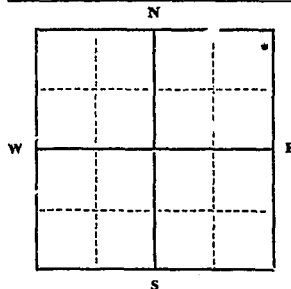
Water Use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other * Garden/Lawn

*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 85,000 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.	0	27	None		
	17.00 lbs. per ft.					



Static water level 23 ft.*
 Pumping water level 24 ft.*
 at 15 gallons per minute,
 measured 120 minutes after pumping began.

*Measured from ground level.
 Well developed by Pump
 for 4 hours.
 Power elec. Pump 3/4 HP
 Remarks: (Gravel packing, cementing, packers, type of shutoff)

N.E. 1/4 N.E. 1/4 Sec. 34
 T. 32 N.R. 34 E. 1
 S (W) RJD

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

Driller's Signature Wm D Lake

Driller's Address P.O. Box 967

Libby, Montana 59923 LICENSE NO. 152

27 Show exact depth of bottom

#836

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 14 day of

January A. D. 1972

at 4:30 P. M.

By Eleanor L. Vaughn
County Clerk

By _____ Deputy

STATE WATER CONSERVATION BOARD

File No.

MAR 2 1967

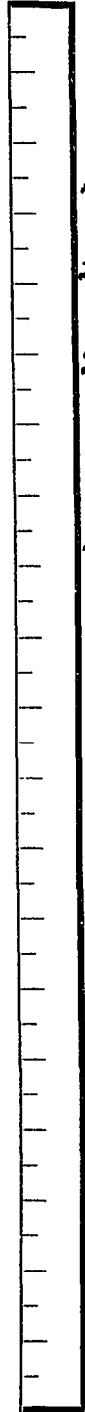
T. 32 R. 34

DUPLICATE

Bill: McDermott
Eugene McNulty
Coyne Morton
Dugan Sullivan
Lickert

County Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Top of Ground (Elev. above sea level 1900)

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0'-1' Topsoil,
1'-20' Clay, gravel,
sand and boulders,
20'-26' Loose clay
and gravel,
26'-40' Clay, gravel,
sand, some water,
40'-46' Clay and
gravel,
46'-50' Sand, gravel
with water.

Owner: Bette J. Smith Address Box 532 Troy Mont.
Driller: William D. Lake Address Libby, Mont.

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

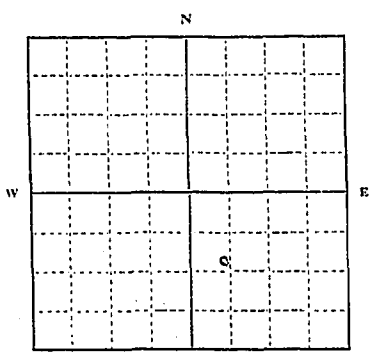
Date well started Jan. 13, 1967 Date Completed Jan. 20, 1967

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" I.D.	6 5/8" O.D. 18.97 lbs. per foot	0'	50'	none		



SW 1/4 NW 1/4 SE 1/4 S
..... 1/4 Sec. 35. T32N R34W.

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..... 26 feet.

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

Pumping Water Level..... 27 feet at 12 gal. per minute.

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

How Tested..... pump 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).....

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.

41771

#575

STATE OF MONTANA
COUNTY OF LINCOLN
Filed this 27th day of
February A. D. 1922
at 2:30 P. M.
Edmund D. Laughlin
County Clerk.
By _____
Deputy

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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.

Top of Ground (Elev. above sea level)

Owner Jeloy B. Mitchell
Address 603 Calif Libby Montana
Date well started 5-21-71 completed 5-24-71

For Administrator's Use	
File	<u>782</u>
	<u>July 5, 1971</u>
	<u>3:45 PM</u>
GW 1	

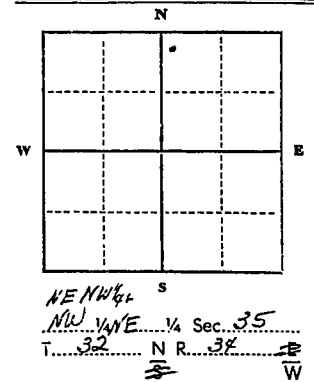
From (Feet)	To (Feet)	
<u>0</u>	<u>4</u>	<u>Red clay</u>
<u>4</u>	<u>17</u>	<u>Red silt</u>
<u>17</u>	<u>30</u>	<u>gravel</u>
<u>30</u>	<u>33</u>	<u>light sand</u>

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"</u>	<u>6" 17#</u>	<u>0</u>	<u>33</u>	<u>1/2 Round</u>	<u>0</u>	<u>4'</u>



Static water level 15 ft.*
Pumping water level 10 ft.*
at 10 gallons per minute,
measured _____ minutes after pumping began.
*Measured from ground level.
Well developed by _____
for _____ 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 Cliff D. Bucher
Driller's Address Libby Montana LICENSE NO. 141

33' Show exact depth of bottom

785

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 8th day of
July A. D. 1917
at 3:45 P. M.
Edmund L. Hunt
County Clerk
By Walter J. H. [unclear]
Deputy

GW 3 MONTANA WATER RESOURCES BOARD
RECEIVED
File No. _____
DUPLICATE MAY 22 1970

Approved Stock Form--State Publishing Co., Helena, Montana--42345
T. 32N. R. 31W
County Lincoln

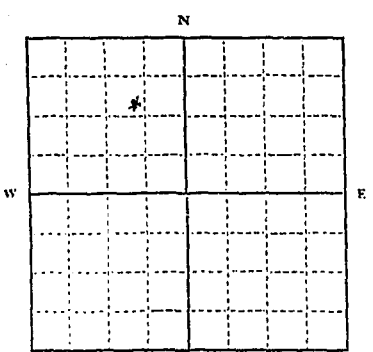
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 4-27-70
Owner P.M. Rambo Address Libby, Mont
Contractor (if any) None
Address of Contractor N/A
Date Started 4-27-70 Date Completed 4-30-70



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

- 1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Development of Carrie Creek originates as subterranean spring
- 2) Means of withdrawing water (gravity, pump, canal, etc.) gravity
- 3) Depth of water table 4'-0"
- 4) Use of the water Irrigation, domestic consumption
- 5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 50 MI
- 6) If used for irrigation, give number of acres and description of land 27 acres hayland
- 7) Estimate amount of water used each year 360,000 gals

Doc. No. 736
Filed for record
this 18 day of May
A. D. 19 70, at 2:20
o'clock P.M.

Signature of Owner Pete M. Rambo
Date 4-27-70

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.

46476

736

STATE OF MONTANA
COUNTY OF LINCOLN, *th*
Filed this *18* day of
May A. D. 19*70*
at *2:29 P.M.*
Calvin L. Washburn
County Clerk.
By *Mr. Watson* Deputy

GW 2

File No.

DUPLICATE

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

T. 32 R. 31

County Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
MAY 22 1964

RECEIVED
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, ~~Montana~~ Session Laws, 1961)

Owner U.S. Forest Service Address Libby Montana

Driller C.L. Plumbing & Htg. Address Libby Montana

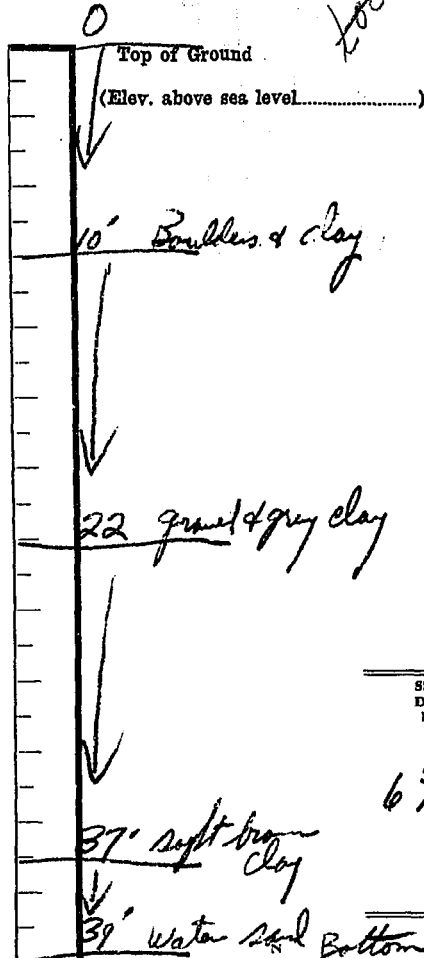
Date of Notice of Appropriation of Groundwater.....

Date well started 5-5-64 Date Completed 5-7-64

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)
6 5/8"	6 7/8 17 #	0	31	1/2" Round	33	39

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

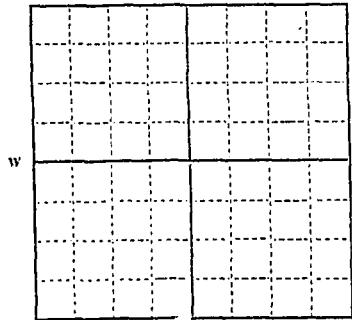
Shut-in Pressure for Flowing Well.....

Pumping Water Level..... 12' feet at 1.0 gal. per minute.

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

How Tested..... Boiler 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).....



1/4 Sec. 1-1-1-1 E.
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Driller's License Number 141

Driller's Signature Clifford J. Becker

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.

38120

INDEXED

#460

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 12th day of

May A. D. 1964

at 11:25 P.M.

Dr. M. Mansfield
County Clerk.

By Vidal Stipan
Deputy

GW 1

File No.

T 32N R 31W

DUPLICATE

County Lincoln

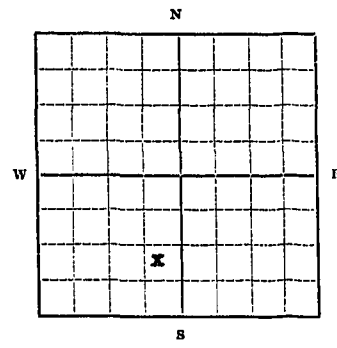
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 22 1963

Notice of Appropriation of Groundwater STATE ENGINEER
(Under Chapter 237, Montana Session Laws, 1961)

- I, United States of America, of Libby Ranger Station, Libby, Montana
(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 recreational water supply for Timberlane Campground and picnic area.
(describe lands to be benefited, if for irrigation)
- The rate of use in gallons per minute or miner's inches of groundwater claimed 10 gallons per minute.
- The annual period (inclusive dates) of intended use May 1 to October 31.
- The probable or intended date of first beneficial use May 1, 1962
- The probable or intended date of commencement and completion of the well* or wells* May 1, 1962
- The location, type, size and depth of well or wells contemplated Ten foot deep well adjacent to Pipe Cr., consisting of a buried and sealed 30 gallon water tank.
- The probable or estimated depth of the water table or artesian aquifer ten feet.
- Name, address and license number of the driller engaged Work by government - non-applicable.

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 Timberland Picnic area.



NE 1/4, SE 1/4, SW 1/4 Sec 35 T. 32N R. 31W, MPM

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

Signature of Appropriator Henry H. Mueller Acting Forest 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 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 School of Mines and Quadruplicate for the Appropriator.

4003

#51

STATE OF MONTANA
COUNTY OF LINCOLN
Filed this 18th day of
March A. D. 1963
at 2:30 P. M.
by M. J. Mansfield County Clerk.
Mae Katten Deputy

GW2

File No.

T. 32N R. 31W

DUPLICATE

County Lincoln

STATE OF MONTANA RECEIVED
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER MAR 25 1963

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level. 2600')

Clay

Water level

Gravel & Sand

Base 10'

Owner United States of America Address Libby Ranger Station

Driller N/A Address Libby, Montana

Date of Notice of Appropriation of Groundwater 3/18/63

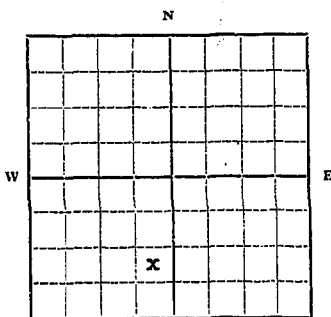
Date well started May 1, 1962 Date Completed May 15, 1962

Type of well Dug Equipment Used Pick and shovel.
(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)
3'	2' hot water tank with bottom cut-out.	0	10	N/A	N/A	N/A



NE, SE, SW, Sec. 35 T. 32N R. 31W, MPM

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 6 feet.

Shut-in Pressure for Flowing Well N/A

Pumping Water Level 6 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well N/A

How Tested volume pump 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) well packed with

stone and gravel to hold sand and clay strata.

N/A

Driller's License Number

Owner and developer W. J. Fralby Signature
(District Ranger, U. S. Forest Service)

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 School of Mines and Quadruplicate for the Appropriator.

4010

55

STATE OF MONTANA
COUNTY OF LINCOLN
Filed this 30th day of
March A. D. 1963
at 3:30 P. M.
Wm. Maggwick
County Clerk.
By Wm. Maggwick
Deputy

13

File No.

T. 32 N R. 29 W

DUPLICATE

County Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 28 1963

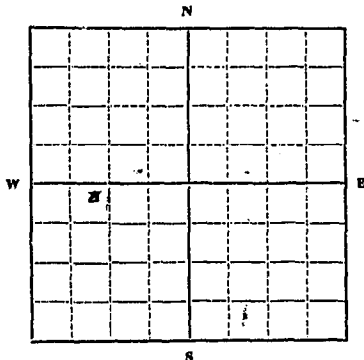
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. ^{MC} Jac R. McCray + Haines, of Box 491, Libby
(Name of Appropriator) (Address) (Town)

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



Ac. 1/4, SW 1/4 Sec. 13, T. 32 N. R. 29 W.

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 + large U.S.G. H-1077

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Nov. 25, 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 12 gal. per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Oct. 25, 1961

8. The depth of water table. 45'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 49' Drilled 6 3/8" casing Electric pump

10. The estimated amount of groundwater withdrawn each year. Dont know never checked

11. The log of formations encountered in the drilling of each well if available. 18' gravel + sand 5' water + sand

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

Signature of Owner. Jac R. McCray

Date. OCT. 23, 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.

6672

File No.

T 32N R 29W

DUPLICATE

County Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 28 1963

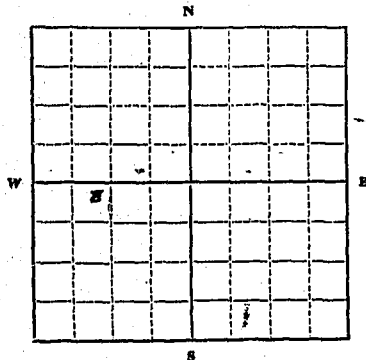
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. ^{MC} Joe R. McCray + Haines, of Box 491, Libby
(Name of Appropriator) (Address) (Town)

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



Ac. 1/4 SW 1/4 Sec. 13 T 32N R 29W

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 + Lodge U.S. Hunt

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Nov 25, 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 gal. per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater OCT 25, 1961

8. The depth of water table 45'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 49' drilled 6 5/8" casing Electric pump

10. The estimated amount of groundwater withdrawn each year Don't know never checked

11. The log of formations encountered in the drilling of each well if available 14' shale + rock 8' clay, gravel + sand 5' water + sand

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

Signature of Owner [Signature] Joe R. McCray

Date OCT 23, 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.

144

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 23rd day of

October A. D. 1963

at 3:45 P. M.

M. M. Mansfield
County Clerk

By Mae Katon
Deputy

File No.

T. 32 N. R. 29 W

DUPLICATE

County Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
OCT 28 1963

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: Haines & McCray Address.....

Driller: Moorhead Address Libby, Mont

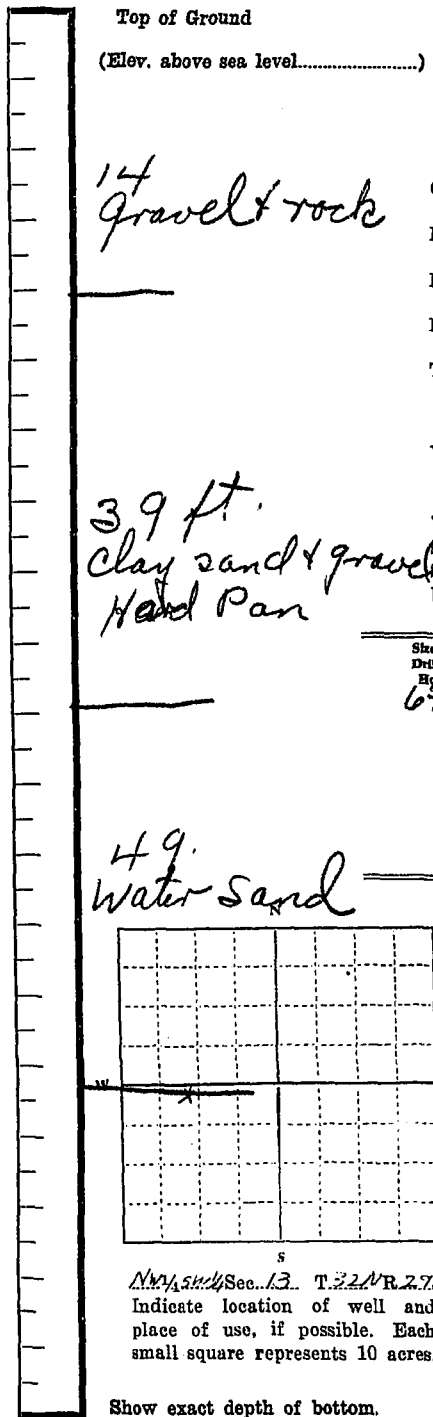
Date of Notice of Appropriation of Groundwater.....

Date well started OCT 21, 1962 Date Completed OCT 23, 1962

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 7/8	6 7/8 17#	0	49	1 1/2" Rd	43	49

Static Water Level for non-flowing Well 21 feet.

Shut-in Pressure for Flowing Well 24

Pumping Water Level 18 feet at 12 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).....

NW 1/4 Sec. 13. T. 22 N. R. 27 W
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
Sherman Moorhead
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.

145

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 23rd day of
October A. D. 1963
at 3:30 P. M.
M. J. Mansfield
County Clerk
By W. H. Nelson
Deputy

File No.

STATE WATER RESOURCES BOARD
RECEIVED

T. 32 N. R. 29 W

DUPLICATE

County Lincoln Co.

OCT 31 1968

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level: 2300 I)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

5' gravel + silt
26 gravel + boulders
42 big boulders + gravel
58 sand
60 sand
85 gravel + sand
98 sand + pea gravel
Hard shell

Owner: McAigor Triangle Address: Libby Mont.

Driller: C. & L. Pelly & W. J. ... Address: Libby Mont.

Date of Notice of appropriation of groundwater:

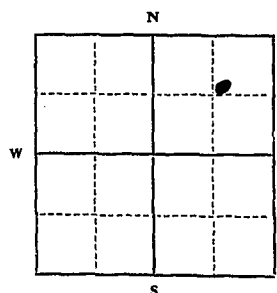
Date well started: 9-13-68 Date completed: 9-20-68

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 1/2	#17	0	98'	1/2" Round	0	4'



Static Water Level for non-flowing well 70 feet.

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

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

Discharge in gal. per min. of flowing well

How Tested: beled

Length of Test: 2 hours

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

N.E. 1/4 Sec. 13 T. 32 N. 29 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).

N/A

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. Bueker
Driller's Signature

44, 730

659

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 17th day of

October A. D. 19...

at 8:30 A.M.

Leannoy L. Vaughn
County Clerk

By Betty Stouchecker
Deputy

[Faint, mostly illegible handwritten notes and signatures, possibly including names like "M. L. ...", "J. ...", and "B. ..."]

File No.

DEC 5 1966

T. 32 R. 29

DUPLICATE

State _____
 County Lincoln
 State OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER



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

0'-6' Clay and Gravel.
 6'-15' Gravel and sand.
 15'-30' Sandy silt.
 30'-54' silt, sand, and water.
 54'-59' sand and water.
 59'-63' sand, gravel and water.

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Barrel Stark Address: Box 1164 Libby Mont

Driller: William D. Lake Address: Libby, Mont.

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

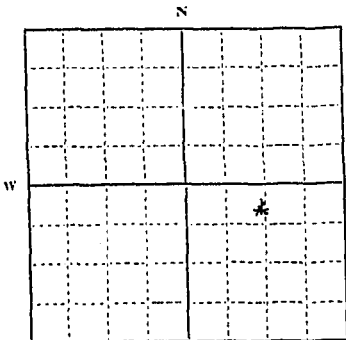
Date well started June 29, 1966 Date Completed July 1, 1966

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 Size	From (Feet)	To (Feet)
6" I.D.	18.87 lbs. per foot 6.5/8" O.D.	1'	63'	none		



SE 1/4 Sec. 14 T. 32 R. 29
 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..... 28 feet.

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

Pumping Water Level..... 29 feet at 15 gal. per minute.

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

How Tested..... pump 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).....

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.

568

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 14th day of

November A. D. 1966

at Billings County Clerk

By Mae Watson Deputy

Department of Natural Resources and Conservation
 Water Resources Division
 Engineering Bureau
 Groundwater Section
 Sam W. Mitchell Building
 Helena, Montana 59601

Owner Florence Tisher
 Address Libby, Montana 59603
 Location T. 32N R. 29W Sec. 25
 Doc. No. 873

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.

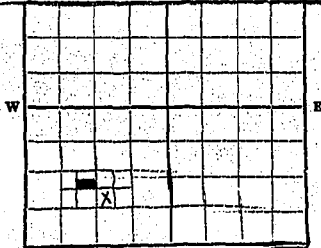
Special Instructions: Please provide, as indicated in red on the attached form; the dates the spring development was started and completed; the means or method used to develop the spring; and the amount of spring water claimed in gallons per minute or other unit of measure.

NOTE: undeveloped springs are usually considered surface water and are therefore appropriated in an entirely different manner.

Thank you.

Sent 9/20/72

50,500



is a spring located on SW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 25, Twp. 32, N. R. 29, WPM to be used on Tract located adjacent thereto on S $\frac{1}{2}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ as set forth hereinbelow.

SW $\frac{1}{4}$ Sec. 25 T. 32 R. 29
 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. Water from spring is to be used for household or domestic purposes, using some for irrigation of garden. Part will depend on gravity flow from spring and some of water will be pumped to higher elevation when necessary.

Doc. No. 873
 Filed for record this 26th day of May
 A. D. 19 72, at 4:30
 o'clock P. M.

Signature of Owner S. Florence Tisher

Date May 15, 1972

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.

50,500

F.

RECEIVED

JUN 1 1972

T. 25 32R 29

GW3

File No.

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION County Lincoln

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater May 1, 1972

Owner Florence Tisher Address Libby, Montana

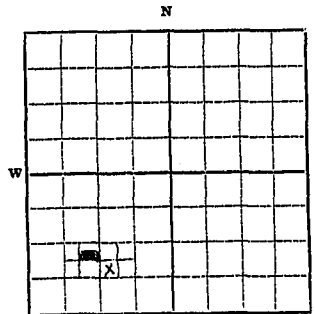
Contractor (if any) none

Address of Contractor

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

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

is a spring located on SW1/4SE1/4SW1/4, Sec. 25, Twp. 32, N. R. 29, WMPM to be used on Tract located adjacent thereto on S1/4NE1/4SW1/4 as set forth hereinbelow.



S1/4 Sec. 25 T. 32 R. 29

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 Water from

spring is to be used for household or domestic purposes, using some for irrigation of garden. Part will depend on gravity flow from spring and some of water will be pumped to higher elevation when necessary.

Signature of Owner S. Florence Tisher

Date May 15, 1972

Doc. No. 823
Filed for record
this 26th day of May
A. D. 19 72, at 4:30
o'clock P. M.

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 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.

50,500

F.

873

STATE OF MONTANA
COUNTY OF LINCOLN
Filed this 26th day of May A. D. 1912
at 4:30 P. M. in the presence of
Charles L. Daugh County Clerk
By Max Watson Deputy

File No.

T. 32N R. 29W

DUPLICATE

County Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
RECEIVED
DEC 19 1963
STATE ENGINEER

Top of Ground
(Elev. above sea level) 2100' approx

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1951)

Well is approx
12' Deep. Top
8' composed
of Rock + coarse
Gravel. Bot. 4'
coarse sand.
Water appears
to be underground
channel of
Water and Creek

2 Owners: Bob Payne Address RTZ bby
Fred Isrealson Address same

Driller's Name: Fred Isrealson Address same

Date of Notice of Appropriation of Groundwater Dec. 17, 1963

Date well started Nov. 1962 Date Completed same

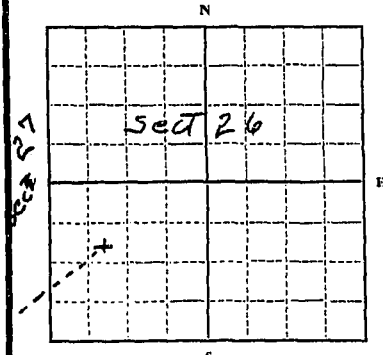
Type of well Hand Dug Equipment Used Cat. Back Hoe
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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.

Water is used
in both Sect 26
& 27 by several
parties on property
owned by Bob Payne
& Fred Isrealson
Water holds depth of
4'

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	Dug Well					
	Wood Cribbing					
	6' Diam.					



NW 1/4 Sec. 26 T. 29 R. 29
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

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

Shut-in Pressure for Flowing Well Not Applicable

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).....

Show exact depth of bottom.

None
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.

10394

#192

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 17th day of
December A. D. 1962
at 10:30 A.M.
M. M. Mansfield
County Clerk.
By Wesley Boyd Deputy

RECORDED

10

27

File No.

T. 32 N R. 29

DUPLICATE

County Lincoln

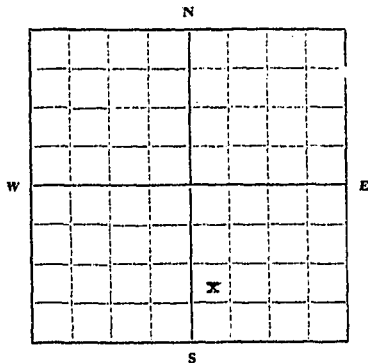
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 29 1963

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

STATE ENGINEER

1. E.N. Woodward, of Star Rte. 2 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 SE Sec. 27 T. 32 R. 29

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.....
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... 1,388 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.....
No irrigation
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Pressure pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... Drilled in 1943 and completed in 1943
- 8. The depth of water table..... 21 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, 4 inch casing, 33 feet deep
- 10. The estimated amount of groundwater withdrawn each year..... 720,000 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.....

Signature of Owner *E.N. Woodward*
Date 4-25-62

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.

75

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 25th day of
April A. D. 1963
10:49 P. M.
By M. M. Mansfield County Clerk
Freda Hodgson Deputy

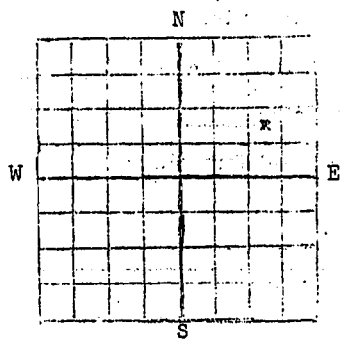
File No. B-51-8589-590 T 32N R 29W 27
 ORIGINAL Lincoln Co. Montana County Lincoln

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER
 DECLARATION OF VESTED GROUNDWATER RIGHTS
 (Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
 STATE ENGINEER

1. United States of America, Warland Ranger Station
 (Name of Appropriator) (Address) Warland, Montana (Route 2 - Libby, Montana)

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



RE 1 Sec. 27 T 32 R 29
 Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been December 18, 1959, completed and first use. Continuous since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 75 GPM max. 1.5 GPM average.
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 Turbine pump on 87' well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 11-6-59 to 12-18-59
8. The depth of water table 24 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" ID casing - 87'
10. The estimated amount of groundwater withdrawn each year 150,000 gal. year
11. The log of formations encountered in the drilling of each well if available
Attached
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
Recorded: Lincoln County, Libby, Montana Book 51 Page 589, 590

[Signature] Forest Supervisor
 Signature of Owner Kootenai National Forest
Libby, Montana
 Date 3-5-62

1698

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

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

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

STATE OF MONTANA

County of Lincoln

} ss.

J.E. Sanderson representing the United States having first been duly sworn, depose and say that he is of lawful age and represents the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as ^{representative of} the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

J. Sanderson
Act Forest Supervisor
Kootenai National Forest
Libby, Montana

Subscribed and sworn to before me, this 6 day of March, 19 62

Notary Public for the State of Montana
Residing at Libby, Montana
My Commission expires July 6 19 62

File No. 46

T. 32N R. 29W 34

DUPLICATE

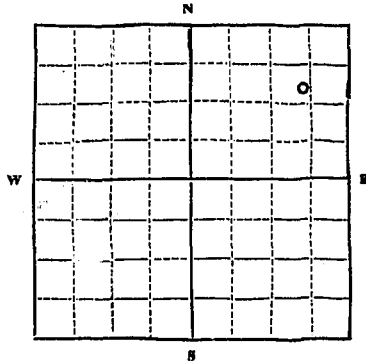
County Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 17 1962

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

1. Great Northern Railway Company of 175 E. 4th St., St. Paul, Minnesota
(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 NE 1-4 Sec. 34 T. 32NR. 29W
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

Well at Warland

- 2. The beneficial use on which the claim is based. Railroad
purpose
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. January 1958
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). N/A
- 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. N/A
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Well at Warland
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. December 22, 1957 - January 4, 1958
- 8. The depth of water table. Static Level 4'
- 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. 72" Dug Well - 8'6" deep
- 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. N/A - We are furnishing log of 3 test holes drilled at Warland in the fall of 1947.
- 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

GREAT NORTHERN RAILWAY COMPANY

Signature of Owner By: [Signature]
Superintendent of the Kalispell Division
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.

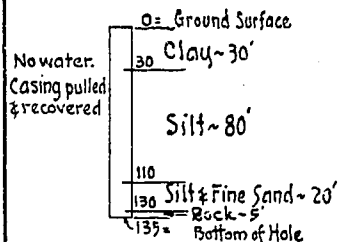
190
Site Quicksand - 40
1-15
Locality

STATE OF MONTANA
COUNTY OF
This is to certify that on the 12th day of
December A. D. 1962
at 3:30 P. M.
M. J. Mansfield
County Clerk
By Max Johnson
Deputy

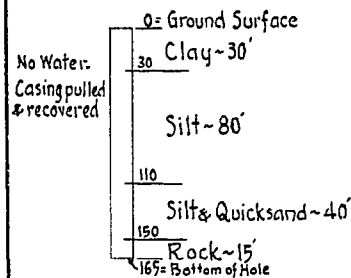
~ WARLAND, Montana ~

Log of Test Holes (3) put down by Ry. Co. force & machine to determine possibility of water supply for Signal Maintainer's House. C.M. Wick, driller. Work begun Aug. 26th 1947 & Completed Oct. 10th 1947.

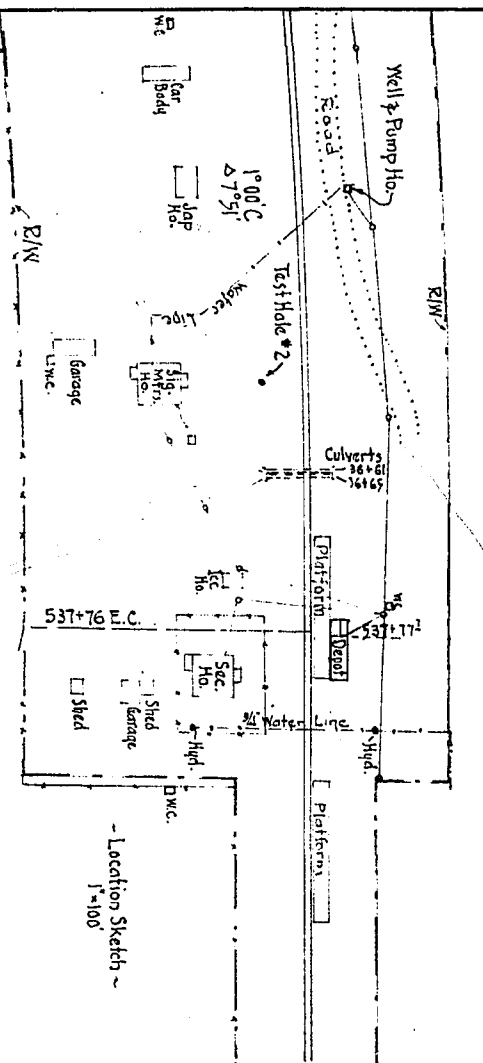
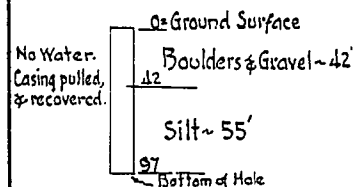
Log of Test Hole #1 ~ Location ~ 30' from Track ~ near Sec. Ho.



Log of Test Hole #2 ~ Location ~ 30' from Track ~ Opp. Sig. Mtr. Ho.



Log of Test Hole #3 ~ Location ~ 40' from Track ~ near Stockyard.



~ Warland, Mont. ~

RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—42345

JW 3

File No.

T. 32 N R. 28 W

DUPLICATE

NOTICE TO CONTRACTOR OF CANTONAL RECORDS AND REVISIONS

County Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

978
June 27, 1973
4:55 p.m.

Date of Appropriation of Groundwater July 20, 1973

Owner Earl W. Hawberry Address Earlsbas. Mont.

Contractor (if any) Stone

Address of Contractor

Date Started July 15 Date Completed July 20, 1973

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) developed spring

2) Means of withdrawing water (gravity, pump, canal, etc.)

3) Depth of water table

4) Use of the water domestic, stock water, irrigation

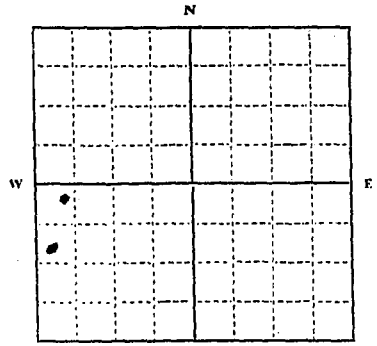
5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 50 gal per min, 75 gal. " min

6) If used for irrigation, give number of acres and description of land 7.70 SW 1 of sec 29 T. 32 N. R. 28 W 10.0 A

7) Estimate amount of water used each year this cant be assessed at this time

Signature of Owner Earl Hawberry

Date 6/27/73



SW 1/4 Sec. 29 T. 32 N. R. 28 W

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

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

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

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

54943

978

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this June 27th day of
June A. D. 1913
at 4:55 P.
Edmond L. Vaughn
County Clerk
By Widdell Dickerson

File No.

RECEIVED T. 32 N R. 26 W. M.P.M.

DUPLICATE

DEC 12 1968

County LINCOLN.

Libby Reservoir Project.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

LOG North Portal of Flathead Tunnel

Top of Ground
(Elev. above sea level.....) 3695.56

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: UNITED STATES OF AMERICA, BY & through Department of the Army, Seattle Dist. Corps of Engineers, 1519 Alaskan Way S., Seattle, Wash. 98134

DRILLER: William D. Lake, Address: Libby, Montana 59923

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

Date well started August 6, 1968 Date completed August 19, 1968

- 0'-1' Broken Rock Fill.
- 1'-7' Clay and Gravel Fill.
- 7'-22' Clay and Gravel.
- 22'-34' Sandy Clay.
- 34'-37' Sand, Broken Rock, and Water.
- 37'-38' Rock.

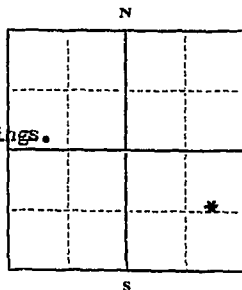
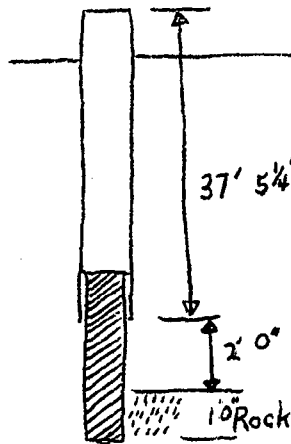
Type of well Drilled Equipment used Churn drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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" U.D.	6 5/8" O.D. 18.97 lbs. per foot.	0	38		none	

Johnson Well Screen
6" x 5' long. Made of Everdur Telescope
Size #50 slot having 6" STD direct attached fittings.



Static Water Level for non-flowing well 9' feet.

Shut-in Pressure for Flowing Well.....
Pumping Water Level..... 12' 5" feet

at..... 10 gal. per minute.
Discharge in gal. per min. of flowing well

How Tested..... Pump

Length of Test..... 36 hours

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

8 32N 26W
1/4 Sec. T. R.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Domestic use for railroad section crew and tunnel ventilation equipment.

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: UNITED STATES OF AMERICA By M. M. Christiansen
M. M. CHRISTIANSEN, Chief, Acquisition Branch, Real Estate Division, Seattle District, Corps of Engineers

5 NOV 1968

152
Driller's License Number

Wm D Lake
Driller's Signature.

44,847

667

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 12th day of April

at Helena Montana

By Edmund J. Conroy

Deputy

NOTICE TO DEBTS TO BE PAID TO THE CREDITORS OF THE ESTATE OF
EDMUND J. CONROY, DECEASED, BY THE EXECUTOR THEREOF, EDWARD J. CONROY,
AS SET FORTH IN THE WILL OF SAID DECEASED, AND AS AUTHORIZED BY THE
COURT IN THE ABOVE ENTITLED MATTER, TO BE PAID TO THEM AT THE
OFFICE OF SAID EXECUTOR, HELENA, MONTANA, ON THE 12th DAY OF
APRIL, 1920.

County Linn Twp. 31st Rge. 34th West

Sec.	Name of Appropriator	Type of Form	County Mile No.	Remarks
1	Kimney, A. Skill	GW-2	773	
1	Tensing, W. B.		550	
1	Staller, John A.	GW-2	777	
2	Welch, James	GW-3	711	
2	U.S. A. Ranger Station			
12	Rushnell, Glenn	GW-2	759	
12	St. Regis Paper Co.		48	
13	Sell, Ernest		152	
13	Robins, David J.		441	
13	Titter, Ray R.		191	
13	Nelson, John H.		153	
13	Martin, Frances D.		438	
13	Malin, James A.		320	
13	Knapke, George W.	GW-2	727	
13	Amisara, Mrs. Loren		339	
13	Edwards, Harry F.			
13	Ware, Clifford D.	GW-2	755	
13	Cahenak, James		67	
13	Lucy, Lillian M.	GW-2	342	
13	Mahoney, John W.	GW-2	817	
13	"		382	
24	"		329	
24	"		330	
24	"		328	
24	Paul, Clarence		85	
24	Harrison, Earl	GW-3	695	
24	Shield, Leland S.		335	
36	Lars, H. Larsen		86	
13	Town of Tracy	well log	35	
	Sager, Arnie		362	
	Beito, Ailmon			
	No#	GW-2	No#	
	Mann, George	GW-2	945	
	Paus, John	GW-2	714	
4	Ewert, Harvey E.	GW-2	559	TR St. Johns Hosp and Tr

TR Transfer from 606

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 Wm. D. Lake
Address 123
Phase 2, 1971
12:30 P.M.
Date 12, 1974
Completed 12, 1974

For Administrator's Use
123
Phase 2, 1971
12:30 P.M.

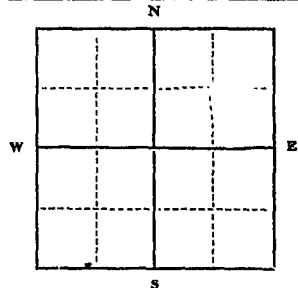
Equip. Churn
(Churn drill, rotary or other)

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	Sp. Obs.	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I.D.	5/8" O. D. 17.00 lbs. per foot	0	116			



Static water level 22 ft.*
Pumping water level 80 ft.*
at 10 gallons per minute,
measured 11 minutes after pumping began.
*Measured from ground level.
Well developed by Pump
for 12 hours.
Power elec. Pump 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

SW 1/4 Sec. 1
T. 31 N. R. 31 E. W. 37

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	7	Clay, Gravel and Boulders.
7	17	Clay and Gravel.
17	70	Sand.
70	84	Sand and some Gravel.
84	114	Layers of Clay, Sand, Gravel.
114	116	Gravel and Water.

116 Show exact depth of bottom

48302

773 INDEXED

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 2nd day of

April A. D. 1971

at 12:50 P. M.

Blaine & Vanhook
County Clerk

By Verde J. Anderson
Deputy

File No. STATE WATER CONSERVATION BOARD

T 31 N 34

DUPLICATE JUN 2 1966

County Lincoln

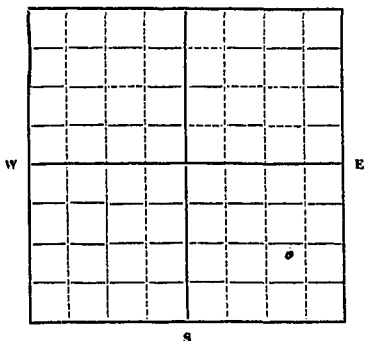
McDermott STATE OF MONTANA
McNulty ADMINISTRATOR OF GROUNDWATER CODE
Morion OFFICE OF STATE ENGINEER
Sullivan
Dickert

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. W. B. Lensing of Box 365 Troy
(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, 1972, as follows:
Lot 1 of Block 3, Hartwell Add. to Troy, Montana



SW 1/4 Sec 1 T 31 R 34

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 and irrigation

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

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

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 one acre W. B. Lensing and Sylvia Lensing

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

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

8. The depth of water table 11 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 24 foot well with 1 1/2 inch casing

10. The estimated amount of groundwater withdrawn each year 590,000 gallons

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 W. B. Lensing
Date May 31, 1966

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.

41108

#550

STATE OF MONTANA
COUNTY OF LINCOLN
Filed this 31st day of
May 1916 A.D.
at 1:20 P.M.
Glasgow, Montana
County Clerk
By Pat B. Bunker

File No.

T. 31 R. 34

DUPLICATE

County LINCOLN ✓

LOG RECEIVED

APR 30 1971

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)

Doc. No. 777
Filed for record
this 21 day of April
A. D. 19 71 at 4:55
o'clock P.M.

Owner John A. Staller Address Box 270 Troy Mont

Driller UNKNOWN Address

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

Date well started 1953 Date completed 1953

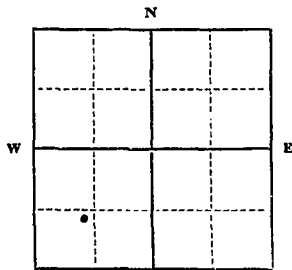
12 ft SAND GRAVEL

Type of well Dug & Driven 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)
	<u>1 1/4 IN INSIDE CASING</u>					



Static Water Level for non-flowing wellfeet.
Shut-in Pressure for Flowing Well.....
Pumping Water Level.....feet
UNKNOWN gal. per minute.
Discharge in gal. per min. of flowing well

How Tested UNKNOWN

Length of Test.....

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

3 FT SAND + GRAVEL

LOT 6 PART WELL
ADD TO TROY
SW 1/4 Sec. 1 T. 31 R. 34
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

John A. Staller
Driller's Signature

owner
48409

777

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 21 day of
April A. D. 1976
at 4:55 P. M.
Blaine L. Smith
County Clerk.
By _____ Deputy

File No.

T. 31 R. 34

DUPLICATE MONTANA WATER RESOURCES BOARD

County Lincoln

RECEIVED STATE OF MONTANA

OCT 8 1969 ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater August 18, 1969

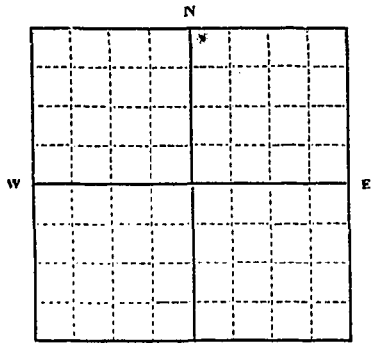
Owner James A. Welch Address Box 57, Lincoln, Mont.

Contractor (if any)

Address of Contractor

Date Started Aug 18, 1969 Date Completed Aug 30, 1969

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



1/4 Sec. 2 T. 31 R. 34
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.....

1/2 acre flow rate 100 gpm 24 hours a day

20 hours a day

Signature of Owner James A. Welch

Date Oct 3, 1969

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

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

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

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

711

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 6th day of

October E. D. 1969

at 9:45 P.M.

Eleanor L. Vaughn County Clerk

By Mae Watson Deputy

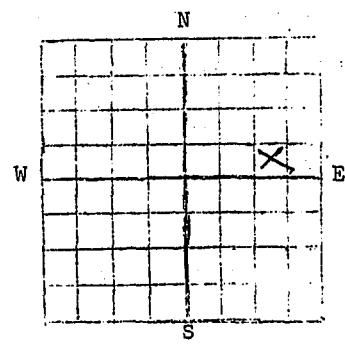
File No. B-51-Page 603-604 T 31N R 34W
 ORIGINAL Lincoln Co. - Montana County Lincoln

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

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

1. United States of America, Troy, 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:



NE 1/4 Sec. 2 T31R34
 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 1938 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Surface flow both springs - approx. 5 gal. min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 5 acres pasture and lawn. U.S. Forest Service
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 2 springs Section 2. T31N. R34W
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1928
8. The depth of water table Surface springs
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 Irrigation system. 3000 gallon tank. Domestic system 10,000 gallon tank.
10. The estimated amount of groundwater withdrawn each year 200,000 gallon
11. The log of formations encountered in the drilling of each well if available Spring box and tanks
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 Lincoln County, Libby, Montana-Recorded Book: 51 Page 603, 604

J. Sanderson Forest Supervisor
 Signature of Owner Kootenai National Forest
Libby, Montana
 Date 3-5-62

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 School of Mines and Quadruplicate for the Appropriator.

STATE OF MONTANA

County of Lincoln County

ss.

J.E. Sauerborn representing the United States having first been duly sworn, depose and say that he is of lawful age and represents the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as representative of the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

J. Sanderson
Act. Forest Supervisor

Kootenai National Forest

Libby, Montana

Subscribed and sworn to before me, this 6 day of March, 1962

Notary Public for the State of Montana

Residing at Libby, Montana

My Commission expires July 6 1962

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 Allen Bushnell
Address Troy, Montana
Date well started Sept. 25, 1970 completed Oct. 3, 1970

For Administrator's Use	
File	<u>759</u>
	<u>November 17, 1970</u>
	<u>10:15 a.m.</u>
GW	<u>1</u>

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

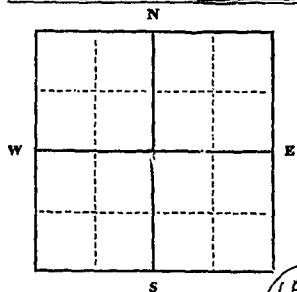
Equipment used Churn
(Churn drill, rotary or other)

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 of other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 6,000 gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6" <u>2.25</u>	5/8" O.D. 17.00 lbs. per ft.	0	60			



Static water level 39 ft.*
Pumping water level 44 ft.*
at 15 gallons per minute,
measured 60 minutes after pumping began.

*Measured from ground level.
Well developed by Pump
for 2 hours.
Power 3100 Pump 1 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

E 1/4 NW 1/4 Sec. 12
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 E. Luke

Driller's Address P.O. Box 967, Libby, Mont.

LICENSE NO. 152

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)	
<u>0</u>	<u>3</u>	<u>Topsoil</u>
<u>3</u>	<u>20</u>	<u>Clay, Gravel, and Boulders</u>
<u>20</u>	<u>41</u>	<u>Light Sand and Gravel</u>
<u>41</u>	<u>60</u>	<u>Sand, Gravel with Water</u>

60 Show exact depth of bottom

477790

759

STATE OF MONTANA
 COUNTY OF LINCOLN

Filed this 17th day of November A. D. 1970
10:15 P.M.
 By Edw. J. Laughlin County Clerk
Mad. Watson Day

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER
 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 Alan Bushnell
 Address Troy, Montana

For Administrator's Use
 File 759
November 17, 1970
 CW 1

Date well started Sept. 25, 1970
 completed Oct. 3, 1970
 Type of well drilled
 Equipment used _____
 Water Use _____

County Jefferson

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 s.l. level)
From (Feet)	To (Feet)	
0	3	Surface
3	20	Clay, gravel and sandstone
20	41	Light sand and gravel
41	60	Coarse Gravel with water

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 Brian Bushnell

Address Tray, Montana

Date well started Sept. 25, 1970

completed Oct. 3, 1970

Type of well Drilled

Equipment used Churn

Water Use: Domestic Municipal Stock Irrigation

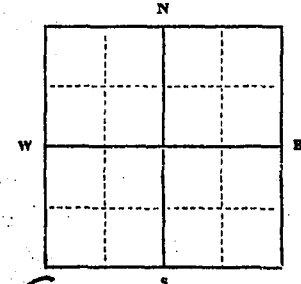
Industrial Drainage Other Garden/Lawn

*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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I.D., 5 5/8" O.D.	17.00 lb. per ft.	0	60	None		



Static water level 39 ft.*
Pumping water level 44 ft.*
at 15 gallons per minute,
measured 60 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)

SE 1/4 NW 1/4 Sec. 1R
T. 31 N. R. 34 E

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

Driller's Signature Wm. D. L...

Driller's Address P.O. Box 967, Laurel, Montana

County Laurel

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	3	Topsoil
3	21	Clay, Gravel, and Boulders
20	41	Light Sand and Gravel
41	60	Sand, Gravel with Water

Show exact depth of bottom 60

47790

12

File No. 48

T. 31 N., R. 34 W.

DUPLICATE

County Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

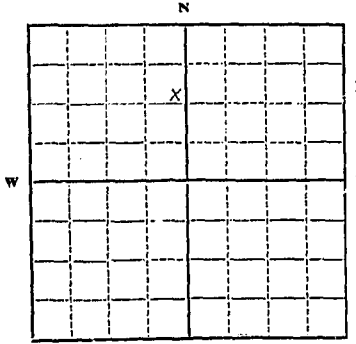
RECEIVED
DEC 17 1962

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. St. Regis Paper Company, a New York Corp. 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:



Section 12, T. 31 N., R. 34 W.

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

2. The beneficial use on which the claim is based. water used to operate sawmill; to produce electricity; coolant in generating plant and make-up water in log-pond and in plant fire protection system.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. June, 1955; used continuously each day since operations commenced in June, 1955.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 2,700 acre feet per year.
1400 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. not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. vertical turbine pump; N. 1/4 Sec. 12, T. 31 N., R. 34 W., 360 ft. from the NW corner of Lot 6, Block 2, Pine Tree Addition to West Troy, Montana.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. October 6, 1954 and completed on December 15, 1954.

8. The depth of water table. 31 feet; approximate elevation above sea level, 1885 feet at ground surface.

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

10. The estimated amount of groundwater withdrawn each year. 2,700 acre feet.

11. The log of formations encountered in the drilling of each well if available. no specific log available. A. A. Durand and Son, Walla Walla, Washington have ceased business. The formation, however, was river run gravel for the most part, since the above-described well is situated near the bank of the Kootenai River.

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 applicable.

ST. REGIS PAPER COMPANY

Signature of Owner By: [Signature]
Agent

Date December 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.

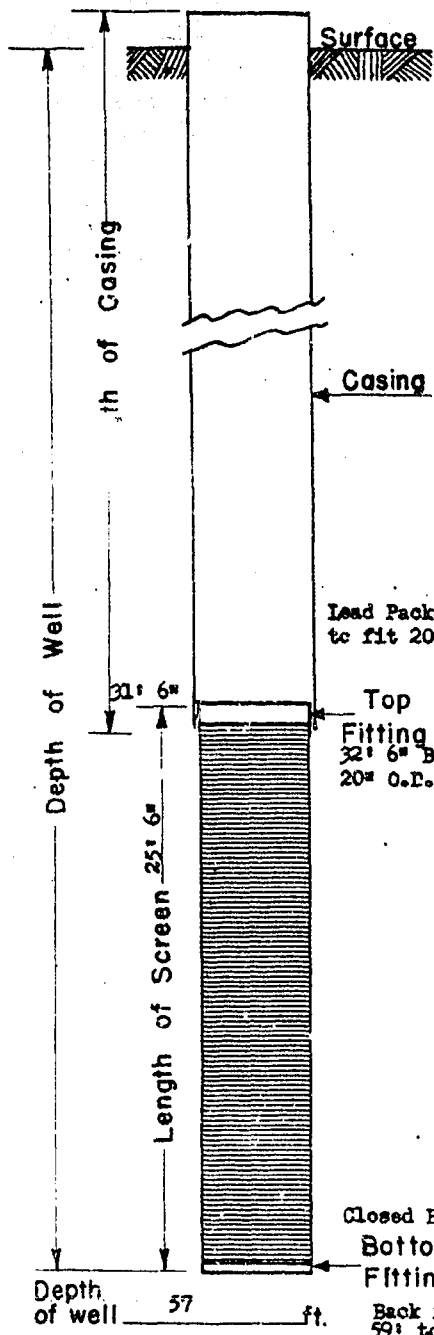
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.

1727

STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 13th day of
December A. D. 1962
at 11:20 P. M.
M. M. Mansfield
County Clerk.
By Mae Watson Deputy

Static level 31.42 (from 47 darts) 1.
Rate 2598 2010 21
Down down 100 156 215



RD

WELL OWNER J. Neils Lumber Co.
Troy, Montana Mill Pond Water Supply

WELL NO. 3

Date May 24, 1955

CASING DETAILS

Length Seated at 32' 6" ft.
 Diameter 20" O.D. (19 1/2" I.D.) in.
 Kind Black steel

SCREEN DETAILS

Make Edward E. Johnson, Inc.
 Length 24' (effective slot opening) ft.
 Diameter Inside 17" in.
 Slot size 150
 Metal Stainless steel (welded joints)

SCREEN FITTINGS

Top 31' 6" Lead Packer
 Bottom 57'

PUMP TEST - May 22 - 23, 1955

Static level 13' 4" (Temp. 47 deg. F.) ft.
 Rate 2538 2010 1375 g.p.m.
 Draw down 16' 7" 10' 10" 6' 6" ft.
 Spec. Cap. 153.1 185.6 211.5
 Hours pumped _____ hrs.

ARTIFICIALLY GRAVEL TREATED

Yes _____ No X

Thickness _____ in.
 Size of gravel _____

DRILLER A. A. DURAND & SON
Well Drill & Development Contractors
Back filled with gravel from Walla Walla, Washington
59' to 57' for screen foundation

Courtesy of EDWARD E. JOHNSON, INC.—Manufacturers of Johnson Well Screens