GW 2

Doc. No. 201068

Filed for record

File No. ..... this 16 day of November

A. D. 19 71, at 1:32

ORIGINAL o'clock P M.

Adeline Adams

LOG

Ronan, Mont.

MONTANA WATER RESOURCES BOARD

RECEIVED

NOV 17 1971

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

T. 20 N. R. 20 W. 16

County Lake (LK)

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 Adeline Adams Address Ronan, Mont.

Driller [illegible] Address 415 [illegible] Rd. Billings, Mont.

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

Date well started Oct 20 69 Date completed Oct 25 69

Type of well drilled (Dug, Driven, bored or drilled) Equipment used [illegible] (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)
17 7/8"	6"x350	+1	330			
6"	4"x314	311	409	4" slot Rock ent. 3/4" ft.	311	409

Top of Ground

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

0-3 brown dirt
3-6 white clay
6- brown clay
6-12 gray clay
12-66 brown clay
66-67 clay & brown clay show of water
67-76 brown sandy clay
76-86 brown clay
86-88 gravel & clay
88-97 clay & brown clay
97-121 brown clay & clay
121-140 sandy clay
140-309 brown clay & brown clay
309-317 sticky brown clay
317-340 sticky clay & gravel show of water 343'
340-351 hard brown clay
351-356 clay & brown clay
356-358 hard brown clay
358-359 clay & gravel
359-365 clay
365-370 brown clay
370-371 gravel & clay show of water
371-395 clay & brown clay
395-409 gravel (showing water)

409

Show exact depth of bottom.

N

W E

S

NW/4 NW/4 NE Sec. 16 T20N R20W

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

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

Shut-in Pressure for Flowing Well 12 ft.

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

Discharge in gal. per min. of flowing well 30 g.p.m.

How Tested [illegible]

Length of Test 12 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) 30 sack cement [illegible] 6" casing [illegible] 4" casing [illegible] well

(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.

Driller's License Number [illegible]

Driller's Signature [illegible]

409'
350' of 6"
311' of 4"

49409

A.D. 19 71 at 1:35

ORIGINAL 3 o'clock P.M.

Adeline Adams

LOG

NOV 17 1971

County Ravalli

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 Adeline Adams Address Corvallis Mont

Driller [illegible] Address [illegible]

Date of Notice of appropriation of groundwater

Date well started Oct 20 69 Date completed Oct 25 69

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

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

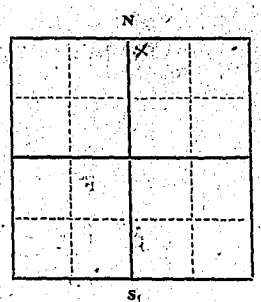
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Top of Ground (Elev. above sea level ____)	
0-3	brown soil
3-6	white clay
6-12	brown clay
12-66	brown clay
66-67	clay & boulders (base of surface water)
67-76	brown sandy clay
76-86	brown clay
86-88	gravel & clay
88-97	clay & boulders
97-121	boulders & clay
121-140	sandy clay
140-204	boulders & clay
204-217	sticky brown clay
217-270	sticky clay and gravel (base of water 243')
270-281	hard brown rock
281-300	clay & boulders
300-353	hard rock & clay streaks
353-357	soft clay & gravel
357-365	clay
365-370	boulders
370-371	gravel & clay (base of water)
371-395	clay & boulders
395-409	sand & gravel (flowing water)

409

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)
17 1/2"	6"x250	+1	350			
6"	4"x319	371	409	1/4" slot Torch cut 3 in. ft.	371	409



NW¼NW¼NE Sec. 16 T20N R20W

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

Static Water Level for non-flowing well ____ feet.

Shut-in Pressure for Flowing Well 12 #

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

Discharge in gal. per min. of flowing well 30 gal.

How Tested [illegible]

Length of Test 12 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) 30 [illegible] 4" [illegible] 6" [illegible] [illegible]

(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.

409'
350' of 6"
35' of 4"

15 hours

19 [illegible]

Driller's License Number

Driller's Signature

49409

STATE OF MONTANA,
County of Lake } ss.

Adeline Adams having first been duly sworn, depose and say that she is of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name is subscribed thereto, as the appropriator and claimant, that she knows the contents of said foregoing notice and that the matters and things therein stated are true.

Adeline Adams

WITNESS Marlin R. Adams

Subscribed and sworn to before me, this 16th day of November, 1971

Ethel M. Harding
Notary Public for the State of Montana
Residing at Polson Montana
My Commission expires Sept. 10 1974

R-1302

301068

WELL REPORT

ADELINE ADAMS

TO

THE PUBLIC

STATE OF MONTANA } ss
County of Lake
Filed on the 16 day of Nov.
A.D. 1971 at 1:30 o'clock P.M.
ETHEL M. HARDING
County Clerk and Recorder
By Patricia Kaltschmidt
Deputy

STATE OF MONTANA,
County of [redacted] } ss.

[illegible] having first been duly sworn, [illegible] and say that he of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Adeline Adams

WITNESS Marlene R. Adams

Subscribed and sworn to before me, this 16th day of November, 1971

Ethel M. Harding
Notary Public for the State of Montana

Residing at Polson Montana

My Commission expires Sept. 10 1974

R 1302

STATE OF MONTANA } ss
County of Lake
Filed on the 16 day of Nov
A.D. 1971 at 1:30 o'clock P M
ETHEL M. HARDING
County Clerk and Recorder
By [illegible] Deputy

20168
WELL REPORT
ADELINE ADAMS
TO
THE PUBLIC

GW 2

File No.....

DUPLICATE

SE¼NE¼ 17 T. 20 N R. 20 W

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 12 1962
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 to 3' Top soil
3' to 19' Yellow clay with some gravel
19' to 35' Very sandy clay
35' to 38' Clay & gravel
38' to 86' Sandy clay with a little gravel
86' to 98' Loose dry sand & Gravel
98 ' to 115' Tight clay, sand & gravel
115' to 141' Layers of sand & gravel, some clay, a little water, 22' raise, less than 1 G.P.M.
141' to 150' Yellow clay
150' to 165' Sand with water
165' to 234'-6" Clay & gravel (1½ G.P.M. at 237')
234'-6" to 300' green rock

Owner SEIFERT ~~Stafford~~ Address Polson, Montana

Driller Glenn Camp 705 Alder Address Missoula, Mont

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

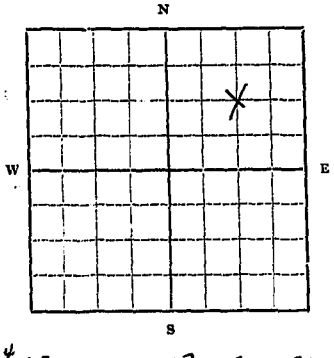
Date well started March 10, 1962 Date Completed March 31

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 ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"I.D.	seamless 19lb to foot	17" above G.L.	to 232'-10"		None	



SE¼ NE¼ Sec. 17 T. 20 R. 20

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 179 feet.

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

Pumping Water Level 165 300 feet at 2 gal. per minute.

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

How Tested Bailer Length of Test 3 hours

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) .....

Edward A. Seifert
Ruth E. Seifert

Licence # 7
Driller's License Number

Glenn Camp
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 School of Mines and Quadruplicate for the Appropriator.

154508

R80

Notice of Completion

Edward O. & Ruth Seufert

to

The Public

STATE OF MONTANA } ss.
County of Lake,
Filed on the 10 day of April
A. D. 19 67 at 3:10 o'clock P.M
HAZEL KINNICK
County Clerk and Recorder
By L. A. Johnson Deputy

V 3

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

19

File No.....

T. 20 N. R. 20 W

DUPLICATE

County Lake

RECEIVED
DEC 26 1963
STATE ENGINEER

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 December 20, 1963

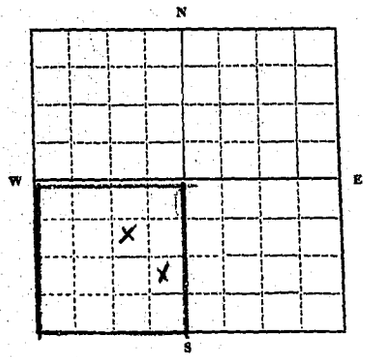
Owner Wayland Johnson Address R2 Ronan Montana

Contractor (if any) Wayland Johnson

Address of Contractor R2 Ronan Montana

Date Started 1952 Date Completed 1952

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable Dug with six feet deep as water flowed to surface Both places



SW ¼ Sec. 19 T. 20 R. 20

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 entire year for livestock and irrigated one Flow thru 1¼ inch pipe

Signature of Owner Wayland Johnson

Date Dec 20 1963

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

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

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

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

12196

R-416 162652

Water Right

Hayland Johnson

to

The Public

STATE OF MONTANA }
County of Lake, } ss.

Filed on the 20 day of December

A. D. 1963 at 2:10 o'clock P. M

HAZEL KINNICK

County Clerk and Recorder

By R. Knauss

$2.00 Deputy

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

File No.....

T. 20 N R. 20

DUPLICATE

County Lake

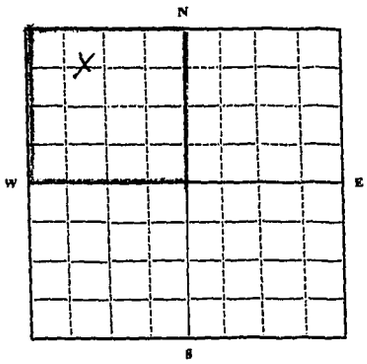
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 26 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Wayland Johnson (Name of Appropriator), of P2 (Address) Ronan (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 19 T. 20 R. 20

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Not Known

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 80 Miners 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 Known

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 1918

8. The depth of water table 60 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 416 feet deep with 6 inch Casing

10. The estimated amount of groundwater withdrawn each year Not Known

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

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 Wayland Johnson

Date December 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.

12197

R-417

162653

Water Report

Hayford Johnson

to

The Public

STATE OF MONTANA }
County of Lake, } ss.
Filed on the 20 day of December
A. D. 1963 at 2:12 o'clock P. M.
HAZEL KINNICK
County Clerk and Recorder
By M. Knaus
Deputy

$2.00

GW

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

File No.....

T. 20 N R. 20 W

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

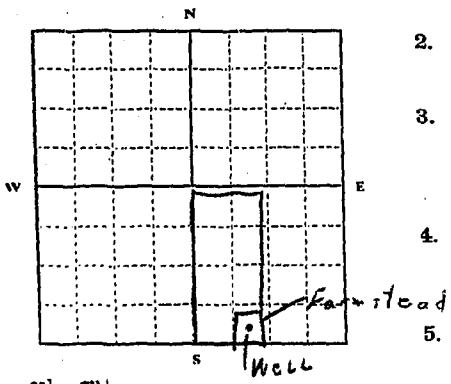
RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Clarence Savik, of R #2 Ronan
(Name of Appropriator) (Address) (Town)

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



W½ : SE¼ ¼ Sec. 20 T. 20 R. 20

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, livestock and irrigation.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300 ~~inks~~ 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 Lawn and garden - 1/2 A of owner

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 1925

8. The depth of water table 10 feet water table.

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 inch casing, drilled well - 285 feet deep.

10. The estimated amount of groundwater withdrawn each year 650,000 gallons

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

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

Signature of Owner Clarence Savik
Clarence Savik

Date December 31, 1963

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

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

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

24257

R-756 163101

Clarence Sarik

To

The Public

STATE OF MONTANA
County of Lake,
Filed on the 31 day of Dec
A. D. 19 03 at 1:4 o'clock P.M.
[illegible]
County Clerk and Recorder

By _____
Deputy

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

File No.

T 20N R 20W

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

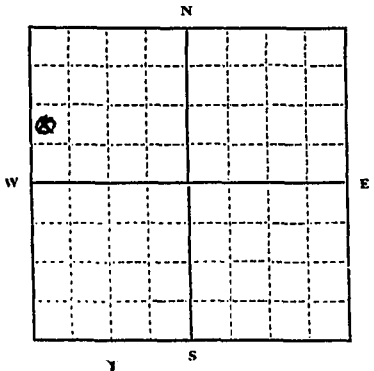
RECEIVED
JUN 15 1965
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. William Preston Chilcote Jr., of Route #2 Ronan
(Name of Appropriator) (Address) (Town)

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



SW ¼ NW ¼ Sec. 21 T. 20 R. 20

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 livestock & irrigation of lawn & garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950 continuous since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 150 gallons per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1 acre lawn & garden — owner William P Chilcote Jr.

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 1950

8. The depth of water table Unknown

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

Unknown

10. The estimated amount of groundwater withdrawn each year 800,000 gallons

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

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

Signature of Owner W. P. Chilcote

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.

39217

R994

170936

Water Report

William P. Chilcote

to

The Public

STATE OF MONTANA } ss
County of Lake

Filed on the 11 day of June
A. D. 19 92 at 9:30 o'clock A M

HAZEL KINNICK
County Clerk and Recorder

by Deputy

JUN 12 1992

GW 4

RECEIVED

JUL 3 1973

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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

File No. _____ T 20N R 20W

QUADRUPLICATE

County Lake

210550 ; R1500
June 29, 1973
10:20 A.M.

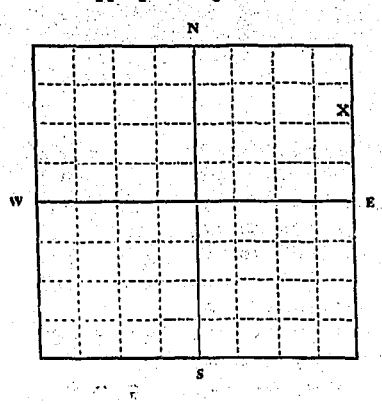
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Homer & George Piedalue, of Ronan
(Name of Appropriator) (Address) (Town)

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



NE ¼ NE Sec. 22 T 20 R. 20

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

2. The beneficial use on which the claim is based Domestic, Stock, Irrigation, Garden & Lawn

3. Date or approximate date of earliest beneficial use; and how continuous the use has been January 5, 1968 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 26,280,000 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 Approx. Five Acres

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater December 16, 1968 - December 30, 1968

8. The depth of water table 63 feet from 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 6 inch Well, 518 ft. deep, Well cased with 6 inch OD by ¼ inch Wall Black Steel Water Well Casing, +2 to 518 ft. A forged steel drive shoe is welded to the bottom of casing. All water entering well is coming through the open bottom of six inch casing.

10. The estimated amount of groundwater withdrawn each year 10,512,000

11. The log of formations encountered in the drilling of each well if available 0 - 1 Black dirt, 1 - 17 Tan sandy clay, 17 - 101 Gravel imbedded in tan clay. Seeps of water from 22' to 35', 101 - 124 Brown sand and gravel imbedded in tan silt. Seeps of muddy water, 124 - 281 Gravel imbedded in tan clay, 281 - 320 Tan clay.
cont'd on back

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 Homer L Piedalue
George H Piedalue

Date June 28, 1973

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.

54902

210150

R-1500

Groundwater Rights

Roger & George Fladlien

to

The Public

STATE OF MONTANA } ss
County of Lake

Filed on the 29 day of June
A.D. 19 23 at 10:20 o'clock A.M.
CLERK & RECORDER
County Clerk and Recorder
By Elaine Chapman
Deputy

Cont'd:

	With a few gravels imbedded
320 - 403	Gravel and cobblestones imbedded in tan clay
403 - 406	Blue sandy gravel and soft blue clay. Blue muddy water
406 - 414	Gravel imbedded in gray clay
414 - 429	Gravel imbedded in brown clay. Seeps of water
429 - 34	Brown and yellow gravel, some yellow clay. Water. SWL 81' from surface. Bailed 9 GPM, 21' drawdown
434 - 444	Brown clay and gravel
444 - 457	Brown and yellow gravel, some yellow clay. Some water
457 - 514	Brown gravel and yellow clay. Seeps of water
514 - 516	Light tan sandy clay. A few gravels imbedded
516 - 518	Soft orange colored gravel. Water
518 -	Gravel imbedded in yellow clay

Cont'd

with a few gravels imbedded

326 - 403	Gravel and cobblestones imbedded in tan clay
403 - 406	Blue sandy gravel and soft blue clay. Blue muddy water
406 - 414	Gravel imbedded in gray clay
414 - 429	Gravel imbedded in brown clay. Seeps of water
429 - 434	Brown and yellow gravel, some yellow clay. Water. SWL 81 from surface. Bailed 9 GPM, 21' drawdown
434 - 444	Brown clay and gravels
444 - 457	Brown and yellow gravel, some yellow clay. Some water
457 - 514	Brown gravel and yellow clay. Seeps of water
514 - 516	Light tan sandy clay. A few gravels imbedded
516 - 518	Soft orange colored gravel. Water
518 -	Gravel imbedded in yellow clay

3 GW-2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
AUG 31 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

20N-20W
County Lake 26

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 Bruce & Carolyn Swalling

Address Rt #1 Box 18
Charlo, Montana 59824

Date well started

completed June 20, 1962

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

Equipment used Cable Tool (Churn drill, rotary or other)

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

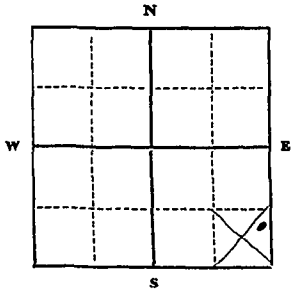
*Describe

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).

For Administrator's Use
File R-1374 205346
Aug 30, 1972 - 8:30 a.m.
GW 1

ESTIMATED ANNUAL WITHDRAWAL 175,200 Gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
	7 inch OD by 24 pound black steel	0	329½			



SE ¼ SE ¼ Sec. 26
T. 20 N R. 20 ~~E~~ W
~~E~~ M.P.M.

Static water level 130 ft.*
Pumping water level ft.*
at 1/3 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by air lift pump
for 6 hours.
Power 220 Volt Pump 5 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's ~~Signature~~ Name Liberty Drilling

Driller's Address Missoula, Montana

LICENSE NO. 52

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) 3000+

From (Feet)	To (Feet)	
0	6	Dirt
6	27	Tan clay with scattered gravel imbedded
27	27	Seep of water
27	88	Gravel imbedded in tan clay
88	94	Silt & sand
94	311	Gravel imbedded in tan clay
311	312	Boulder
312	326	Gravel imbedded in tan clay
326	329½	Cemented gravel Water
329½		Gravel imbedded in tan clay

329½ Show exact depth of bottom

51,281

R

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

STATE OF MONTANA } ss
County of Lake

Filed on the 30 day of August
A. D. 19 72 at 8:30 o'clock a M.

ETHEL M. HARDING
County Clerk and Recorder
By Jewell Beals
Deputy

STATE OF MONTANA
County of Lake
Filed on the 30 day of Aug. 19 72 at 8:30 o'clock A.M.
ETHEL M. HARDING
County Clerk and Recorder
By Deputy

WM. F. OSBORNE, OWNER

LIBERTY DRILLING AND PUMP CO.

MUNICIPAL
INDUSTRIAL
DOMESTIC
IRRIGATION
WELLS

LICENSED, BONDED AND INSURED

SUPPLY HOUSE AND OFFICE: SOUTH ON 93
POSTOFFICE ADDRESS: BOX 830
PHONE LI 9-2128
MISSOULA, MONTANA

June 20, 1962

RECEIVED
AUG 31 1972
MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

Walter H. Peschel
430 Benton Avenue
Missoula, Montana

WELL LOG

Location: ½ Mile North of Charlo turn off on west side of Hwy 93.

Formations Log:

0 - 6	Dirt
6 - 27	Tan clay with scattered gravel imbedded
27 - 27	Seep of water
27 - 88	Gravel imbedded in tan clay
88 - 94	Silt and sand
94 - 311	Gravel imbedded in tan clay
311 - 312	Boulder
312 - 326	Gravel imbedded in tan clay
326 - 329½	Cemented gravel. Water.
329½	Gravel imbedded in tan clay

Casing Log:

Well cased from top to bottom with seven inch OD by 24 pound black steel water well casing. A forged steel drive shoe is welded to the bottom of the casing.

Water Log:

Well pumped for six hours with an air lift pump. It produced 1/3 of a gallon per minute per foot of drawdown. Static Water Level at completion of well was 130 feet from ground level.

GY

Approved Stock Form—State Publishing Co., Helena, Montana—42234 28

File No.

T. 20N R. 20W

DUPLICATE

County Lake

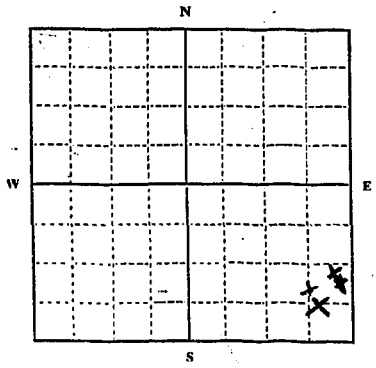
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lester Simpson Josephine Simpson, of Charlo
(Name of Appropriator) (Address) (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ SE ¼ Sec. 28 T. 20 R. 20

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 stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910 - 1958 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 000 Gals Per year

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 Pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1910 Completion 1958 Completion

8. The depth of water table 10 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 16 X 36 - Pump 16 X 48 - Pump

10. The estimated amount of groundwater withdrawn each year 500000

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

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

Signature of Owner

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.

12186

B406 165639

Water Report

Lester Simpson

Josephine "

to

The Public

STATE OF MONTANA }
County of Lake, } ss

Filed on the 20 day of Dec

A. D. 196 3 at 11:49 o'clock 9 M

HAZEL KINNICK

County Clerk and Recorder

By E. Cowman

Deputy

GW-2

File No. ____

DUPLICATE

RECEIVED

SEP 14 1973

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Approved Stock Form—State Publishing Co., Helena, Montana—46305

29

T 20 N R 20 W 2

County Glacier

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner: Public Health Service, Div. of Indian Health Address: Cheyenne, Montana

Driller: Geiger Drilling Contract Address: Billings, Montana

Date of Notice of appropriation of groundwater ____

Date well started: June 5, 1973 Date completed: Aug. 7, 1973

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

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

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

Top of Ground

(Elev. above sea level ____)

Depth	Description
0	
10	clay
20	sand
150	sandy clay
440	clay, imbedded rock & gravel
455	sand
458	blue clay
462	coarse sand & gravel 3" min.

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 18.97	+1	379	1/4x6"		
				4x12"	453	462
4	4" Liner	335	462	perforations in the liner		

Static Water Level for non-flowing well 145 feet.

Shut-in Pressure for Flowing Well ____

Pumping Water Level 145 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well ____

How Tested: pump test

Length of Test: 30 min.

Remarks: (Gravel packing, cementing, packers, type of shutoff) packers set at 345 & 455.

R-1342, #203340

1st May 72 1:00 P.M.

N W E S

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

W½SE¼ Sec. 29 T 20 N R 20 W

(Continue on reverse side)

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

Show exact depth of bottom.

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

Driller's License Number 112

...ment of Natural Resources and Conservation
...er Resources Division
...ngineering Bureau
Groundwater Section
Sam W. Mitchell Building
Helena, Montana 59601

Owner Robert Wall
Address Charlo, Montana 59824
Location T. R. Sec.
Doc. No. R-1342, #203340

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 complete location of the well by township, range and section

Thank you.

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)
160 clay & bedded rock & gravel	6"	6 5/8" Od 18.97	+1	379	1/8x6"		
455 sand					4x12"	458	452
455 blue clay	4	4" Liner	335	462	perforations in the liner.		
462 coarse sand & gravel 1/2" minus							

N
W E
S

Static Water Level for non-flowing well 145 feet.

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

Pumping Water Level 145 feet at 10 gal. per minute.

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

How Tested pump test

Length of Test 24 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) packers set at 346 & 456.

.....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).

Show exact depth of bottom.

143
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, tissue copy to be retained by driller.

...number of operations. If not applicable, so state, otherwise the form will be

RECEIVED
SEP 14 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Approved Stock Form—State Publishing Co., Helena, Montana—46805

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

County Lake

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner Public Health Service, Div. of Indian Health Address Charlo, Montana

Driller Snipes Drilling Contract Address Dillon, Montana

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

Date well started June 5, 1968 Date completed Aug. 7, 1968

Type of well Drilled (Dug, driven, bored or drilled) Equipment used cable tool (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)
clay & added rock & gravel	6"	6 5/8" Od 18.97	+1	379	1/8x5"		
					4x12"	453	452
blue clay	4	4" Liner	335	462	perforations in the liner.		
coarse sand & gravel 1/4" size							

Static Water Level for non-flowing well 145 feet.

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

Pumping Water Level 145 feet at 10 gal. per minute.

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

How Tested pump test

Length of Test 20 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) packer set at 346 & 455.

N
W E
S

.....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).

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.

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

143
Driller's License Number

Driller's Signature

RECEIVED
SEP 14 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Approved Stock Form—State Publishing Co., Helena, Montana—46803

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

County.....

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: Public Health Service, Div. of Indian Health — Address: Charlo, Montana

Driller: Briggs Drilling Contractor — Address: Dillon, Montana

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

Date well started: June 5, 1968 — Date completed: Aug. 7, 1968

Type of well: Drilled (Dug, driven, bored or drilled) — Equipment used: [illegible] (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)
340 clay, interbedded rock & gravel	6"	6 5/8" Od 18.97	+1	379	1/8x6"		
452 sand					4x12"	453	462
455 blue clay	4	4" liner	335	462	perforations in the liner		
462 course sand & gravel 3" rinse							

Static Water Level for non-flowing well 145 feet.

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

Pumping Water Level 145 feet at 10 gal. per minute.

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

How Tested: pump test

Length of Test: 20 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) packers set at 336 & 455.

N / W / E / S

.....¼ 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).

Show exact depth of bottom.

148
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, tissue copy to be retained by driller.

Answer all questions. If not applicable, so state, otherwise the form will be

#203340

R- 1342

Well Report

Shirley Robert (Mrs. M. Wall Robert)

to

The Public

State of Montana)
County of Lake) ss

Filed on the 1st day of May, A.D. 1972 at 1:0t o'clock P.M.

Ethel M. Harding
County Clerk and Recorde

Deputy

RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—46805

T. 20 N R. 20 W

DUPLICATE

County Lake

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner Public Health Service, Div. of Indian Health Address Charlo, Montana

Driller Bridger Drilling Contract Address Dillon, Montana

Date of Notice of appropriation of groundwater

Date well started June 5, 1968 Date completed Aug. 7, 1968

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

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

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

Top of Ground (Elev. above sea level)	
0	
18	clay
20	sand
150	sandy clay
440	clay, imbedded rock & gravel
455	sand
455	blue clay
462	course sand & gravel 4" liner

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 18.97	+1	379	1/6x5"		
				4x12"	453	462
4	4" Liner	355	462	perforations in the liner.		

Doc. No. R-1342, #203340
Filed for record this 1st day of May A. D. 19 72, at 1:00 o'clock P. M.

N W E S

¼ Sec. 29 T. R.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 145 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 145 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested pump test

Length of Test 20 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) packer set at 355 & 455.

(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.

138
Driller's License Number

Driller's Signature

59300

RECEIVED

MAY 3 1972

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Approved Stock Form—State Publishing Co., Helena, Montana—16103

T. 20 N. R. 20 W.

County

DUPLICATE

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: Robert Hall — Address: Cheels, Montana

Driller: Bridger Drilling Contractor — Address: Billings, Montana

Date of Notice of appropriation of groundwater

Date well started: June 5, 1968 — Date completed: Aug. 7, 1968

Type of well: Drilled (Dug, driven, bored or drilled) — Equipment used: cable tool (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

Depth	Description
0	Top of Ground (Elev. above sea level.....)
18	clay
20	sand
150	sandy clay
440	clay, imbedded rock & gravel
455	sand
456	blue clay
462	course sand & gravel ½" minus

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 5/8" Od 18.97	+1	379	1/8x6"		
				4x12"	458	462
4	4" Liner	335	462	perforations in the liner.		

Static Water Level for non-flowing well 145 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 145 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: pump test

Length of Test: 20 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) packers set at 345 & 456.

N / W / E / S

¼ Sec. 29 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).

Doc. No. R-1342, #203340

Filed for record this 1st day of May A. D. 19 72, at 1:00 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.

188

Driller's License Number

Driller's Signature

59300

ment of Natural Resources and Conservation
Resources Division
gineering Bureau
Groundwater Section
Sam W. Mitchell Building
Helena, Montana 59601

Owner Mrs. Ethel M. Harding
Address Lake Co. Clerk & Recorder
Location T. R. Sec.
Doc. No. R-1342, #203340 and
R-1342, #203340

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:

Why do the attached groundwater appropriation forms have the same county filing document number - R-1342, #203340?

There must be a mix-up in the recording and filing of the two forms.

Please advise us of any corrections or changes that you may make.

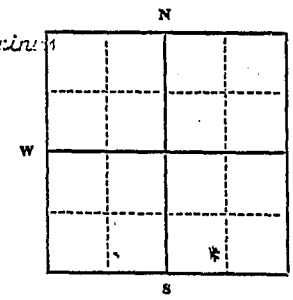
Thank you.

RECEIVED
JUN 8 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

6-7-72
Enclosed corrected copy of R-1341
R-1342
R-1343

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)
440	clay, imbedded rock & gravel	6"	6 5/8" Od 18.97	+1	379	1/8x6"		
455	sand					4x12"	458	452
456	blue clay	4	4" liner	335	462	perforations in the liner.		
462	course sand & gravel 3" minus							



Static Water Level for non-flowing well 145 feet.
Shut-in Pressure for Flowing Well
Pumping Water Level 145 feet
at 10 gal. per minute.
Discharge in gal. per min. of flowing well
How Tested pump test
Length of Test 22 hrs.
Remarks: (Gravel packing, cementing, packers, type of shutoff) packer set at 345 & 456.

SW 1/4 SE Sec. 29 T. 20 N R. 20 W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

RECEIVED
JUN 8 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

148
Driller's License Number
Driller's Signature.

Approved Stock Form—State Publishing Co., Helena, Montana—46805

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

County Lake

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 Public Health Service, Div. of Indian Health Robert Hall (Mrs.) Address Charlo, Montana

Driller Briggs Drilling Contractor Address Dillon, Montana

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

Date well started June 5, 1968 Date completed Aug. 7, 1968

Type of well Drilled (Dug, driven, bored or drilled) Equipment used cable tool (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

Depth	Description
0	Top of Ground
	(Elev. above sea level.....)
18	clay
20	sand
150	sandy clay
440	clay, imbedded rock & gravel
455	sand
456	blue clay
462	course sand & gravel 1/2" min.

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 18.97	+1	379	1/8x6"		
				4x12"	458	462
4	4" liner	335	462	perforations in the liner.		

Static Water Level for non-flowing well 145 feet.

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

Pumping Water Level 145 feet at 10 gal. per minute.

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

How Tested pump test

Length of Test 22 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) packers set at 345 & 456.

N
W E
S

SW 1/4 SE Sec. 29 T. 20 N R. 20 W

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

(Continue on reverse side)

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

Show exact depth of bottom.

RECEIVED
JUN 8 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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.

148
Driller's License Number

Driller's Signature.

Approved Stock Form—State Publishing Co., Helena, Montana—46803

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

ORIGINAL

County Lake

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner Public Health Service, Div. of Indian Health Robert Wall (Mrs.) Address Ronan, Montana

Driller Baiggs Drilling Contr. Address Dillon, Montana

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

Date well started June 5, 1968 Date completed Aug. 7, 1968

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

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

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

Top of Ground

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

0	
18	clay
20	sand
150	sandy clay
440	clay, imbedded rock & gravel
455	sand
456	blue clay
462	course sand & gravel 1" minus

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 18.97	+1	379	1/8x6"		
				4x12"	458	462
4	4" liner	336	462	perforations in the liner.		

Static Water Level for non-flowing well 145 feet.

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

Pumping Water Level 145 feet at 10 gal. per minute.

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

How Tested pump test

Length of Test 22 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) packers set at 346 & 456.

N
W E
S

SW 1/4 SE Sec. 29 T. 20 N R. 20 W

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

(Continue on reverse side)

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

Show exact depth of bottom.

RECEIVED
JUN 8 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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.

148
Driller's License Number

Richard L. Baiggs
Driller's Signature.

STATE OF MONTANA, }
County of Lake } ss.

Shirley Roberts having first been duly sworn, depose S and say that S he of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name subscribed thereto, as the appropriator and claimant, that S he know S the contents of said foregoing notice and that the matters and things therein stated are true.

(Shirley) M. Hall Mrs Robert

Subscribed and sworn to before me, this 1st day of May, 1972

Ethel M Harding
Notary Public for the State of Montana.

Residing at Polson Montana

My Commission expires Sept. 10 1974

ETHEL M. HARDING
NOTARY PUBLIC
STATE OF MONTANA

R 1342

Well Report 203340

Shirley Robert
Mrs. M. Wall Robert

To

The Public

STATE OF MONTANA } ss
County of Lake
Filed on the 1 day of May
A.D. 19 72 at 1:15 o'clock P M
ETHEL M. HARDING
County Clerk and Recorder
By Ethel M Harding Deputy

RECEIVED
JUN 8 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

GW

30

File No.....

T. 20 N. R. 20 W.

DUPLICATE

County Lake

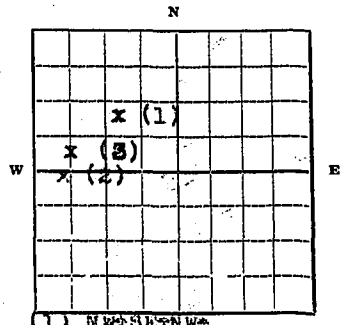
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. J. M. Brooke & Margaret Brooke, of Ronan
(Name of Appropriator) (Address) (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



(1) NW¼SE¼NW¼
(3) S½SW¼NW¼
(2) NW¼NW¼SW¼
.....¼..... Sec. 30 T20 R. 20

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, stockwater & irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948, continuous thereafter

4. The amount of groundwater claimed (in miner's inches or gallons per minute) one hundred miners 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 approximately 80 acres in S½NW¼, SW¼NE¼ and NW¼SW¼ Sec. 30, T. 20 N., R. 20 W.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal flowing springs, boxed and improved, water taken by pipe and ditches.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater commenced in 1948 and completed 1948 as to springs # 1 and 3 and 1957 as to spring #2.

8. The depth of water table surface of ground

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 flowing springs, dug out and cemented box or walls placed in spring, covered, used for domestic use, stockwater and irrigation, piped and ditched from springs to house, barns and fields.

10. The estimated amount of groundwater withdrawn each year 40 to 60 million gallons, entire flow of springs is used during irrigation season.

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 J. M. Brooke
Margaret Brooke
Margaret Brooke

Date Dec. 6, 1963

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

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

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

14900

R-494 162782

Water Report

J. M. & Margaret Brooke

to

The Public

STATE OF MONTANA } ss
County of Lake,
Filed on the 26 day of Dec
A.D. 1983 at 3:40 o'clock P.M
[illegible]
County Clerk and Recorder

By [illegible] Deputy

GW

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

30

File No.

T 20 N. R 20W.

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964
STATE ENGINEER

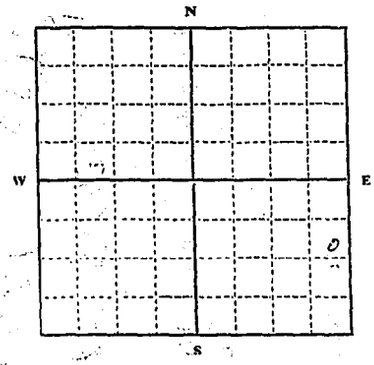
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1 Erla M. Curry and Dennis Curry, of Route #1, Box 6, Charlo,
(Name of Appropriator) (Address) (Town)

County of Lake State of Montana

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



NE¼SE¼ ¼ Sec 30 T20N R20W

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 - stockwater and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1924 - continous

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1/4 acre in NE¼SE¼, Section 30, Township 20 North, Range 20 West

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump NE¼SE¼, Sec. 30, T 20 N, Range 20 West

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1924

8. The depth of water table Varies from 3 feet to 10 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 22 feet round, about 8 feet across-concrete lined.

10. The estimated amount of groundwater withdrawn each year Approximately 1,000,000 gallons

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

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 Dennis Curry

Date December 30, 1963

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

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

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

17465

R-658 16-993

Water Report

Dennis & Erla M. Curry

To

The Public

STATE OF MONTANA }
County of Lake, }

Filed on the 3rd day of Dec
A. D. 1963 at 2:00 o'clock P M

County Clerk and Recorder

By _____ Deputy

G

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

30

File No.....

T. 20 N R. 20 W

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964
STATE ENGINEER

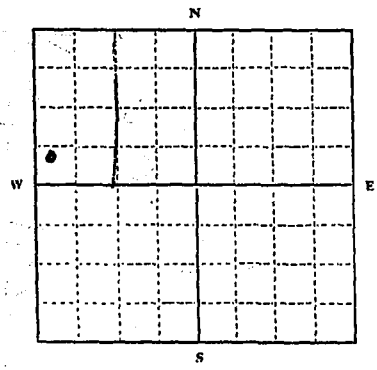
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Noah E. Hall & Beatrice E. Hall (Name of Appropriator) R #2 (Address) Ronan (Town)

County of Lake State of Montana

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



.....¼..... Sec. 30 T 20 R 20

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 water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: dug in 1935 — never has gone dry.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: fall 1935

8. The depth of water table: 10 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: dug well — 4 ft diameter 21 ft deep

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

11. The log of formations encountered in the drilling of each well if available: clay 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 Beatrice E. Hall
Noah E. Hall

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.

17417

R 610 162938

Noah E. Hall +
Beatrice E. Hall.

To

The Public

STATE OF MONTANA }
County of Lake, }
Filed on the 30 day of Dec
A. D. 1963 at 12:34 o'clock P M
[illegible]
County Clerk and Recorder

By .....
Deputy

GW

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

30

File No.....

T. 20N. R. 20W.

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

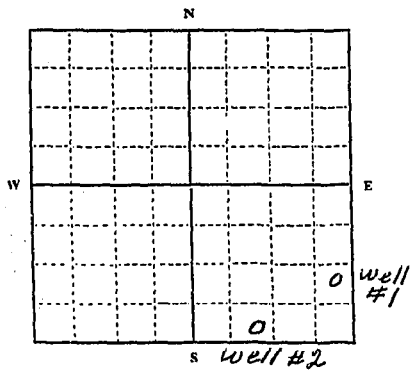
RECEIVED
JAN 3 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. M. Louise Long and Harvey P. Long (Name of Appropriator), of Route #1, Box 5A (Address) Charlo (Town)

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



NE¼SE¼ ¼ Sec. 30 T. 20N R. 20W

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 - stockwater and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1938 - continous (Well #1)
1940 - continous (Well #2)

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1/4 acre in NE¼SE¼, Section 30, Township 20 North, Range 20 West

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump
NE¼SE¼, Sec. 30, T 20 N, Range 20 West (Well #1)
NE¼SE¼, Sec. 30, T 20 N, Range 20 West (Well #2)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1938 (Well #1)
1940 (Well #2)

8. The depth of water table Varies from 3 feet to 10 feet. (Wells #1 & #2)

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 26 feet deep, round, 6 feet across-concrete lined. (Well #1)
50 feet deep, round, 6 feet across-concrete lined. (Well #2)

10. The estimated amount of groundwater withdrawn each year Approximately 1,000,000 gallons (each)

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

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 Harvey P. Long

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.

19631

R 689

163029

Harvey P Long

STATE OF MONTANA
County of Lake,
Filed on the 31 day of Dec
A. D. 1963 at 9:11 o'clock A. M
HAZEL KINNICK
County Clerk and Recorder
By _____
Deputy

208

G

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

330

File No.....

T. 20 N R. 20 W

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964
STATE ENGINEER

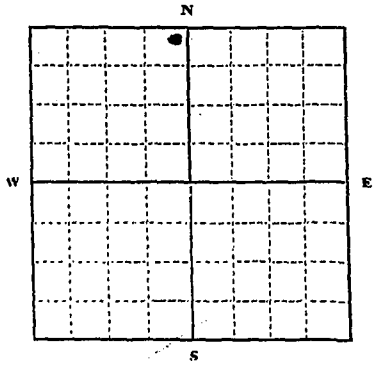
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bessie H. Mow (Name of Appropriator), of R.R. 2 (Address) Ronan (Town)

County of Lake State of Montana

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



NE ¼ NW ¼ Sec. 30 T. 20 R. 20

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 For home use

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Never measured

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 For lawn on NE ¼ of NE ¼ of NW ¼ of Sec. 30 T20 R20

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Date unknown but prior to Jan. 1, 1962

8. The depth of water table Never measured

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 ft. well, about 20 ft. deep

10. The estimated amount of groundwater withdrawn each year Unknown

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

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

Signature of Owner Bessie H. Mow

Date Dec. 27, 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.

17366

R-559

162880

Water Report

Bessie W. Morris

to

The Public

STATE OF MONTANA } ss.
County of Lake.

Filed on the 30 day of Dec.
A. D. 1963 at 9:00 o'clock A.M
HAZEL KINNICK
County Clerk and Recorder
By M. Kraus
Deputy

$2.00

G

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

30

File No.....

T. 20 N R. 20 W

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964
STATE ENGINEER

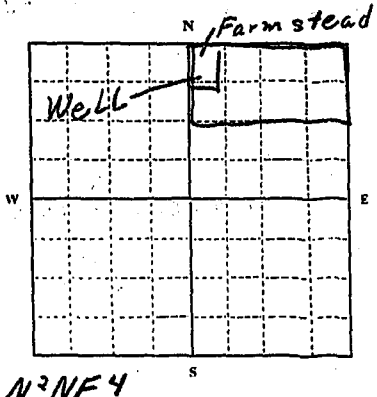
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lawrence & Marjorie H. Sandsmark, of Box 216 Ronan
(Name of Appropriator) (Address) (Town)

County of Lake State of Montana

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



N½NE¼ ¼ Sec. 30 T. 20 R. 20

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, livestock, and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1942 and to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 800 gallons per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof one acre - lawn and garden by owner

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 1942

8. The depth of water table 20 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 38 foot drilled well

10. The estimated amount of groundwater withdrawn each year 900,000 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

Marjorie H. Sandsmark
Marjorie H. Sandsmark

Signature of Owner Lawrence Sandsmark
Lawrence Sandsmark

Date Dec. 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.

17364

R-556

162877

Water Report

Lawrence & Marjorie H ~~Sandsmark~~ Sandsmark

to

The Public

STATE OF MONTANA } ss
County of Lake,
Filed on the 30 day of Dec
A. D. 1963 at 8:45 o'clock A M
HAZEL KINNICK
County Clerk and Recorder
By M. Krause
Deputy

$2.00

GW

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

31

File No.

T 20N R 20W

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

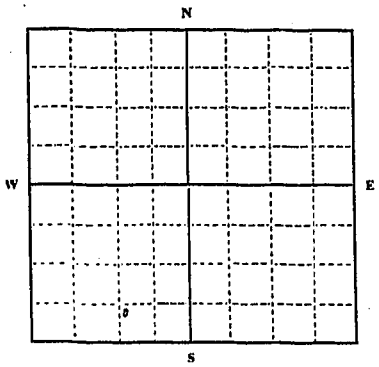
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Elbert W. Didelot & Tillie S. Didelot, of Charlo
(Name of Appropriator) (Address) (Town)

County of Lake State of Montana

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



SE¼SW ¼ Sec. 31 T 20N R 20W

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 - livestock - irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 1938 - continuously since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Approximately 1500 per hour 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 Approximately 1/2 acre - Elbert W. Didelot and Tillie S. Didelot

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump on SE¼SW¼, Section 31, Township 20 North, Range 20 West

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater About 1938

8. The depth of water table Approximately 80 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well, 6 inch cashing - depth 512 feet.

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

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

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

Signature of Owner Elbert W Didelot

Date December 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.

12215

B-435

162701

Water Report.

Colbert W. Diddebt

to

The Public

STATE OF MONTANA }
County of Lake, } ss
Filed on the 23 day of Dec
A. D. 1963 at 1:07 o'clock P M
[illegible]
County Clerk and Recorder

By ——— Deputy

GW 2

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

File No. ..... STATE WATER CONSERVATION BOARD

T. 20 N R. 20 W 32

DUPLICATE

APR 21 1966

County Lake

LOG

Billie ..... McDermott ..... STATE OF MONTANA
Butzerin ..... McNulty ADMINISTRATOR OF GROUNDWATER CODE
Coyle ..... Morton ..... OFFICE OF STATE ENGINEER
Darlinton ..... Sullivan .....
Dickert .....

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0 to 30' Clay some gravel
30' to 36' Gravel & water
36' to 68' Clay & gravel
68' to 95' Clay
95' to 102' Gravel & clay
102' to 289' Clay & gravel
289' to 281' Sand,gravel some water
291' to 415' Clay & gravel
415' to 419' Clay,sand, Gravel some water
419' to 453' Clay & gravel
453' to 464' Blue clay & gravel
464' to 487' Blue clay
487 To 491' Gravel,sand & water

Owner Tom Cornwell Address Charlo, Montana

Driller Glenn Camp 705 Alder Address Missoula,Mont.

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

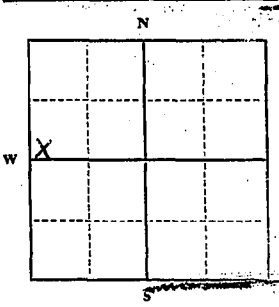
Date well started 11/19/65 Date completed 12/11/65

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 ☐ Grade A Dairy

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 19# to ft	2 ' -3" above G.L. to	493'-2"		None	



Static Water Level for non-flowing well 82 feet.

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

Pumping Water Level 88 feet at 65 gal. per minute.

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

How Tested Compressor & Bailer

Length of Test test 2 hrs

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

SW4SW4SW ¼ NW4 Sec 32 T20 R20

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.

Licence # 7

Driller's License Number

Glenn Camp

Driller's Signature

40943

R1035

125125

STATE OF MONTANA }
County of Lake } ss

Filed on the 19 day of apr

A.D. 1966 at 11:00 o'clock A M

HAZEL KINNICK

County Clerk and Recorder

By Eunice Cowman

Deputy

G

Approved Stock Form—State Publishing Co., Helena, Montana—41921

32

File No.....

T. 20N R. 20W

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

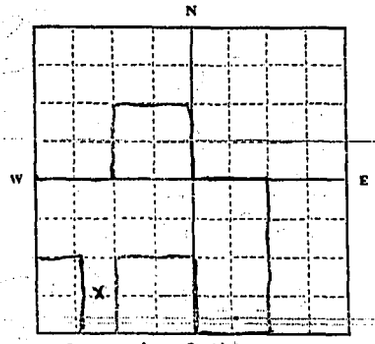
RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. George F Fryberger, of RFD1-Box 73 Charlo, Mont.
(Name of Appropriator) (Address) (Town)

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



IN E½ SW¼ SW¼
¼ Sec. 32 T. 20 R. 20

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 & stock, Lawn & garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945 continues since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 G.P.M. 10 ft draw down

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 Lawn & garden

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 started in fall of 1944 and finished in 1945

8. The depth of water table 90 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 drilled, pipe size 6¼ I.D. 19 lbs oil well casing from Top to 473'

10. The estimated amount of groundwater withdrawn each year 2 million gallons

11. The log of formations encountered in the drilling of each well if available clay to 400 ft. some gravel to 430 ft. blue sandy gravel some water to 473 ft.

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 Forrest Fryberger

Date 12-31-63

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

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

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

24207

R-706 163047

Water Report

George F. Freyberger

To

The Public

STATE OF MONTANA }
County of Lake, } ss.
Filed on the 31 day of Dec
A.D. 1963 at 9:47 o'clock A. M.
D. Kruzenick
County Clerk and Recorder

By _____
Deputy

Approved Stock Form—State Publishing Co., Helena, Montana—40876 32

File No.....

T 20 N R 20 W

DUPLICATE

County Lake

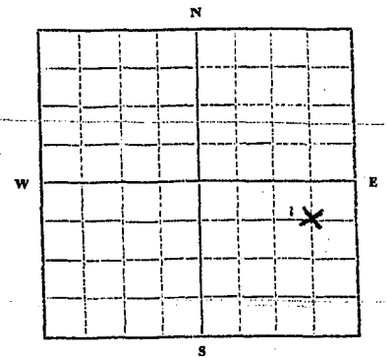
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 1 - 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Leonard L. Green Alpha E. Gillette, of Charlo
(Name of Appropriator) (Address) (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



E½ SE¼ Sec. 32 T. 20 R. 20

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 - house, stock, irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 6-24-1957 Continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) average 25 head stock, chickens, fruit & garden & trees - house

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof small garden plot & house yard

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 5-14-1957 - 5-31-1957

8. The depth of water table 486' deep & pipe down 90'

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

10. The estimated amount of groundwater withdrawn each year Fluctuates according to stock & season

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

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

Signature of Owner Alpha E. Gillette L. L. Green

Date 6-26-63

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.

4845

R173

160225

Water Report

Leonard L. Green

alpha E. Gillette

to

The Public

STATE OF MONTANA } ss
County of Lake.
Filed on the 28 day of June
A. D. 19 63 at 8:10 o'clock A M
HAZEL KINNICK
County Clerk and Recorder
By E. Cowman Deputy
200

RECEIVED JUL 3 1973

20N-20W 33

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: Homer L. and Frances S. Bradley

Address: Rt. 1, Box 145
Charlo, Mont. 59824

Date well started: 4/17/70
completed: 5/19/70

For Administrator's Use
File 216563, R1506
June 29, 1973
GW 1 1:33 p.m.

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

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

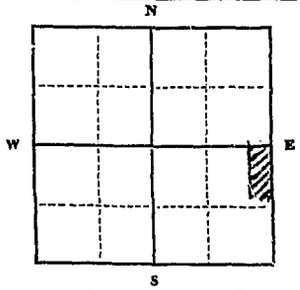
Water Use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ]* Garden/Lawn [X]

*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: 30,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6 5/8" 17 #	3' up	428'	—	—	—



East 530 feet N½ ¼SE ¼ Sec 33
T. 20 N R 20 E
S W

Static water level: 124 ft.*
Pumping water level: 300 ft.*
at 10 gallons per minute,
measured 20 minutes after pumping began.
*Measured from ground level.
Well developed by bailer
for 4 hours.
Power 230 V. Pump 3/4 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: Donald Beebe
Driller's Address: Polson, Montana
Donald Beebe LICENSE NO. 163

County: Lake

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	loose clay fill
4		tan clay - seep
	53	at 21 feet
53		
	380	clay and gravel
380		sandy clay and gravel
	390	
390		clay and gravel
	426	
426		sand gravel and water
	428	
428		clay and gravel

428 ' Show exact depth of bottom

54643

210563

R-1506

Well Report

Homer L. & Frances S. Bradley

to

The Public

STATE OF MONTANA }
County of Lake } ss
Filed on the 29 day of June
A.D. 19 73 at 1:33 o'clock A.M.
CLERK & RECORDER
County Clerk and Recorder
By Elaine E. Chapman
Deputy

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
JAN 16 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

20N - 20W
County Lake 33

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 DELBERT PALMER

Address Charlo, Mont.

Date well started Sept. 20-72

completed Oct 22-72

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

Equipment used Cable Tools (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

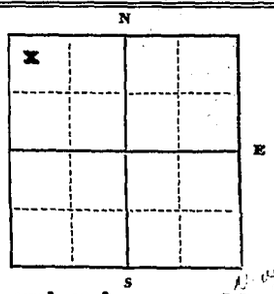
*Describe

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

For Administrator's Use
File R-1408; 207492
January 15, 1973
GW 1 9:00 A.m.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8"	6 5/8 O.D. 280 WALL	0	446'			



NW¼ NW¼ ¼ ¼ Sec. 33
T. 20 (N) S R. 20 E (W)

Static water level 130 ft.*
Pumping water level 150 ft.*
at 20 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level
Well developed by Jet Pump
for 3 hours.
Power 220 Pump 1 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 Bill Preston

Driller's Address P.O. Box 977
Hamilton, Mont. LICENSE NO. 125

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	Top Soil
3	50	Clay
50	85	Clay with gravel
85	105	gravel in clay
105	107	gravel
107	150	gravel in clay
150	180	clay
180	230	gravel in clay
230	280	gravel
280	430	gravel in clay
430	446	clay
446	446	gravel

446' Show exact depth of bottom

52.222

R-1408

207497

DELBERT PALMER

TO

THE PUBLIC

WELL REPORT

STATE OF MONTANA }
County of Lake }

Filed on the 15 day of Jan
A. D. 19 73 at 9:00 o'clock a M
ETHEL M. HARDING
County Clerk and Recorder
By Jewell Deputy

JW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42262 33

File No.....

T. 20 N R. 20 W

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Jan 1st 1964

Owner E.M. Palmer & Son Address Charlo

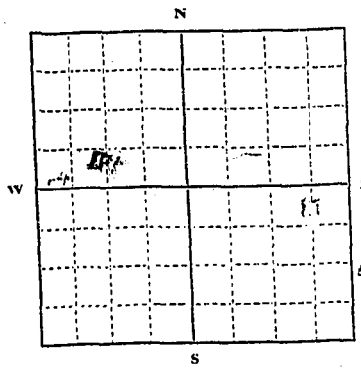
Contractor (if any) .....

Address of Contractor .....

Date Started..... Date Completed 1943

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Built Concrete Curbing 8 feet and sunk by excavating the soil until reservoir of water was attained. Overflow pipe six inches above ground level

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 supply used for two homes Dairy Operation and watering 60 Cows. Overflows when not pumping



NW¼ Sec. 33 T20 R20

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

☐ Indicates location

Signature of Owner .....

Date Jan 1st 1964

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.

1 E.M. Palmer
2 Delbert M Palmer
3 Bernice R. Palmer
4 Olive F. Palmer

28965

R 888 163274

STATE OF MONTANA }
County of Lake, } ss

Filed on the 6 day of Jan
A. D. 1964 at 8:42 o'clock A M

HAZEL KINNICK
County Clerk and Recorder

By E. Cowman
Deputy