

22N-19W

32

RECEIVED

DRILLER'S LOG

AUG 31 1971

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

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 Al Gohl
Address box 83
Palom, Montana
Date well started Aug. 23, 1971
completed Aug. 24, 1971

For Administrator's Use	
File	<u>199900</u>
	<u>August 30, 1971</u>
	<u>10:40 A.M.</u>
GW 1	

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

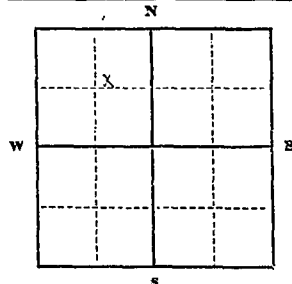
Equipment used Churn Drill
(Churn drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL 2000,000

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' 4" above ground	42	XXXX	XXXX	XXXX



Static water level 28 ft.*
Pumping water level 29 ft.*
at 12 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by baller
for 4 hours.
Power _____ Pump _____ HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

RR 1/4 NW 1/4 Sec 32
T. 22 N. R. 19 2x
3 W

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

Driller's Signature George O Beebe

Driller's Address box 47, Ravalli, Montana

LICENSE NO. 204

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0	4	topsoil
4	12	cobbly sand & gravel
12	32	sand, gravel & clay
32	34	silty brown sand
34	36	sand & gravel
36	39	fine brown sand
39	42	sand & gravel water
42	44	sand, gravel & clay

42 Show exact depth of bottom

48977

R-1284

199900

ALOIS J. GOHL

TO

THE PUBLIC

STATE OF MONTANA) ss
County of Lake)

Filed on the 30th day of
August A.D. 1971 at 10:40 A.M.
Ethel M. Harding
County Clerk and Recorder

By Wilhelmina Langley
2^o Deputy

32

File No.

T 22N R 19W

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED

County Lake

LOG

SEP 5 1969

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground Approx.
(Elev. above sea level 3150 ft.)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

Formations Log:

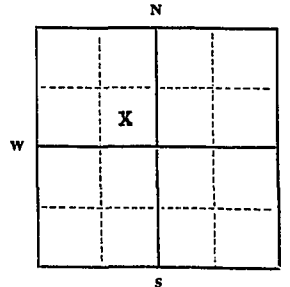
- 0 - 10 Dirt mixed with light colored clay. (Under Chapter 237 Montana Session Laws, 1961, as amended) Owner William G. and Zane A. Kelly Address Polson, Montana
- 10 - 27 Gravel imbedded in silty clay. Driller Liberty Drilling Co. Address Missoula, Montana
- 27 - 30 Gravel mixed in silty clay. Date of Notice of appropriation of groundwater None filed.
- 30 - 37 Gravel and clay in alternate layers. Date well started 7/30/69 Date completed 8/5/69
- 37 - 50 Fine sand with gravel mixed in. Type of well Drilled Equipment used Cable Tool
(Dug, driven, bored or drilled) (Churn drill, rotary or other)
- 50 - 50 1/2 Fine to coarse sand with some clay mixed in. Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other
- 50 1/2 - 51 Fine sand, gravel and cobblestones. Water.
- 51 - 53 Sand and gravel.
- 53 - 57 Some coarse sand and gravel imbedded in clay.

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 5/8" OD x 3/4"	+1' 4 1/2"	49	5 9/16" Stopmade Screen	49	53

A blank tailpipe with solidly closed bottom extends to 57 feet.

Water rises in well 30 feet from surface.



Static Water Level for non-flowing well 30 feet.

Shut-in Pressure for Flowing Well Non-f.

Pumping Water Level 48 feet at 100 gal. per minute.

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

How Tested Air Lift Pump
Length of Test 4 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well is coming through slot openings in screen. Wells in this area can be depended upon to produce clear sand free water year after year as long as they (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).

Approximately 15 acres.

Show exact depth of bottom.

Bottom of well 57'

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.

52
Driller's License Number
William P. Osborne
Driller's Signature.

45608

R-1165

190258

KANE A. KELLEY

TO

THE PUBLIC

WELL REPORT

STATE OF MONTANA } ss
 County of Lake
 Filed on the 3 day of Sept
 A. D. 1969 4:20 o'clock P. M.
 ETHEL M. HARDING
 County Clerk and Recorder
 By *Quinn*
 Deputy

2.00

are not overpumped, i.e., they should be pumped at rates not in excess of 25 to 30 percent of the tested capacity of the aquifer.

RECORDED VALUE 1 JAN 19 1969
 APPROVED FOR RECORDING BY CLERK OF COURT
 NOTICE OF COMPLETION OF RECORDING

232

File No.

T. 22^N R. 19^W

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

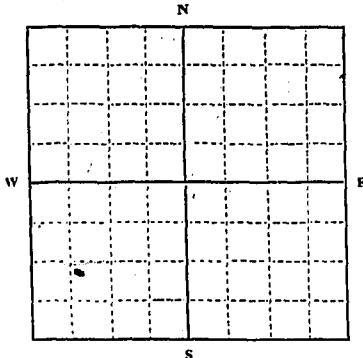
Declaration of Vested Groundwater Rights JAN 2 1964

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Robert E. Myers + Shirley M. of RT #1 Box 97 Polson
(Name of Appropriator) (Address) (Town)

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



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 & 9 milk cows

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 30 G.P.S. 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. Yard & Garden

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

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

8. The depth of water table. U.N. KNOWN

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

10. The estimated amount of groundwater withdrawn each year. 700,000

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

Signature of Owner Robert E. Myers

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.

17404

R-597

162924

Water Report
Robert E. Myers
to
The Public

STATE OF MONTANA }
County of Lake, } ss.
Filed on the 30 day of Dec
A. D. 1903 at 12:10 o'clock P. M.
HAZEL KIMMEL
County Clerk and Recorder
By M. Kraus
200 Deputis

File No. MONTANA WATER RESOURCES BOARD

T 22N R 19W

DUPLICATE

RECEIVED

MAY 15 1970

County Lake

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground (Elev. above sea level)

0- 2 Topsoil

9 Static water level

2-28 Gravel, boulders and clay

28-34 1/2 Gravel, boulders and water

34 1/2 Bottom of hole

Owner Vernon Snyder Address P.O. Box 175, Pablo

Driller C.H.C. Drilling Address Box 670, Missoula

Date of Notice of Appropriation of Groundwater

Date well started June 18, 1969 Date Completed June 21, 1969

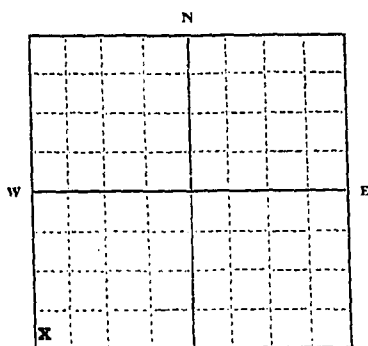
Type of well Drilled Equipment Used Churn drill

Water Use: Domestic, Municipal, Other, Irrigation, Industrial, Drainage, Stock

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc.

Doc. No. 193649 Filed for record this 14 day of May A.D. 1970 at 12:57 o'clock P.M.

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



SW cor. SW 1/4 SW 1/4 1/4 Sec 33 T. 22 R. 19 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 51.5 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 33 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Test pump Length of Test 10 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)

Driller's License Number 125

Driller's Signature Charles F. Willenstam

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

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

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

46445

193649
R-1202

WELL REPORT

VERNON SNYDER

TO

THE PUBLIC

STATE OF MONTANA
COUNTY OF LAKE

Filed on the 14th day of May
A.D. 1970 at 12:50 o'clock P.M.

ETHEL M. HARDING
Clerk and Recorder

By Jewel Beatz
deputy

2.00

GW

Approved Stock Form—State Publishing Co., Helena, Montana—423

33

File No.

MONTANA WATER RESOURCES BOARD
RECEIVED

T. 22N R. 19W

DUPLICATE

LOG

MAY 15 1970

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, 1969

(Under Chapter 237, Montana Session Laws, 1969)

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

0-27 Gravel, boulders, and clay

23 Static water level

27-42 Gravel, boulders and water

42 Bottom of hole

Owner Vernon Snyder Address P.O. Box 175, Pablo

Driller C.K.C. Drilling Address Box 670, Missoula

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

Date well started June 21, 1969 Date completed June 28, 1969

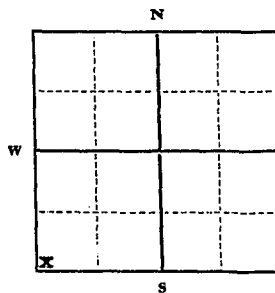
Type of well Drilled Equipment used Churn drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Doc. No. 193650
Filed for record
this 17 day of May
A. D. 19 70, at 12:55
o'clock P.M.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 17#	1' up	42'	---	---	---



SW cor. SW $\frac{1}{4}$ SW $\frac{1}{4}$

$\frac{1}{4}$ Sec. 33 T. 22 R. 19
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 23 feet.

Shut-in Pressure for Flowing Well ----

Pumping Water Level 23 feet at 50 gal. per minute.

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

How Tested Compressor

Length of Test 3 hours

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

185
Driller's License Number

Charles F. Hollister
Driller's Signature

46444

193650

R- 1203

WELL REPORT

VERNON SNYDER

TO

THE PUBLIC

STATE OF MONTANA
COUNTY OF LAKE

Filed on the 14th day of May
A.D. 1970 at 12:55 o'clock P.M.

ETHEL M. HARDING
Clerk and Recorder

By:

J. Well Bentz
Deputy

00

File No. MONTANA WATER RESOURCES BOARD

T. 22 R. 17

DUPLICATE

RECEIVED

County Lake

JAN 6 1969

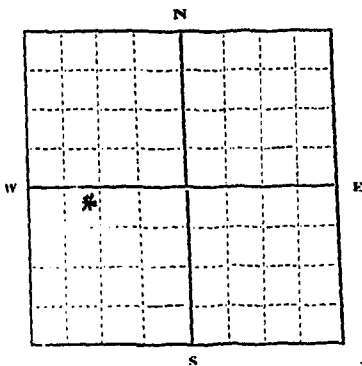
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 19, 1968
Owner Edna M Mohler Address Swan Lake, Mont
Contractor (if any) NA
Address of Contractor NA
Date Started NA Date Completed NA



Frac. NW 1/4 SW 1/4 Sec. 5 T. 22 R. 17

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

- 1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Free flowing spring plus pond & lake made by spring which delivers into the Swan River--also stream which is result of spring flow
- 2) Means of withdrawing water (gravity, pump, canal, etc.) Pump & Gravity flow
- 3) Depth of water table Unknown
- 4) Use of the water Domestic, irrigation & Recreational use for fishing & game watering
- 5) Amount of groundwater claimed (in miner's inches, or gallons per minute) All available water--total capacity of flow and all potential
- 6) If used for irrigation, give number of acres and description of land 2 Acres deeded - 20A leased
- 7) Estimate amount of water used each year 500,000 - 1,000,000 gal annually

Signature of Owner Edna M Mohler

Date Jan 2, 1969

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

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

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

44,896

R-1134

187316

Water Report.

Melvin R. Mohler

Edna M. Mohler

To

The Public

STATE OF MONTANA } ss
County of Lake

Filed on the 2 day of Jan

A. D. 1967 at 2:35 o'clock P M

EIHEL M. HARDING
County Clerk and Recorder

By Janell Benty
Deputy

File No.

T. 22 R. 17

DUPLICATE

County LAKE

SW

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 8-1-63

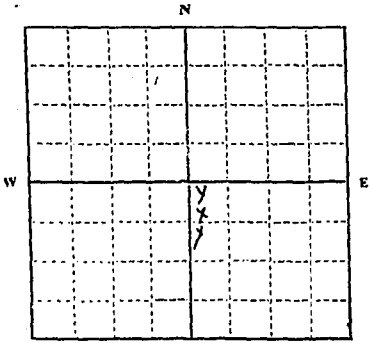
Owner JOHN H PHIPPS Address P.O. Box 3547

Contractor (if any) TALLAHASSEE, FLORIDA

Address of Contractor

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

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



SE 1/4 Sec. 6 T. 22 R. 17

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 YEARLY

Signature of Owner John H Phipps by John L Howard
Date 8-1-63

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

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

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

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

Q-210

160931

John H. Phipps
by John L. Morrish

to

The Public

STATE OF MONTANA

County of Lake, ss.

Filed on the 28 day of August
A. D. 1962 at 11:30 o'clock A.M.

HAZEL KINNICK

County Clerk and Recorder

By M. Kraus

Deputy

GW 3

File No.

T. 22 N R. 17 W

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner NORTHERN PACIFIC Ry. Address St. Paul, Minn.

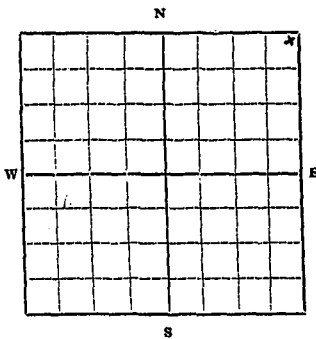
Contractor (if any) none

Address of Contractor n/a

Date Started n/a Date Completed n/a

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

natural flowing spring



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

Estimated flow of 1/2 miners inch used

intermittently for grazing & domestic use.

Signature of Owner NORTHERN PACIFIC RAILWAY CO.
J. R. Peterson

Date Dec. 20, 1963

NE 1/4 NE 1/4 Sec. 7 T22N R. 17W
Indicate point of appropriation and place of use, if possible.

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

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

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

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

R-527

162825

State Report
Northern Pacific Ry
to
The Public

STATE OF MONTANA

County of Lake

Filed on the 27 day of Dec

A. D. 1903 at 11:45 o'clock A. M.

Stinson

County Clerk and Recorder

By

Deputy

\$2.00

GW

File No.

DUPLICATE

SECTION No. 2

RECEIVED
MAR 2 1964

Approved State Printing Co., Helena, Montana-4234

T 22^N R 17^W

County LAKE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

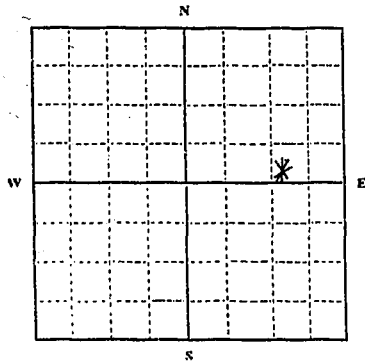
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Louis T. Phillips
Luther W. Chambers, of Rt. 3 2mi DR. KALISPELL
(Name of Appropriator) (Address) (Town)

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



SE 1/4 NE 1/4 Sec 20 T22 R17

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 - COMMERCIAL

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
1930
CONTINUOUS

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
5 ACRES GRADED AREA
COMMERCIAL STOCK WATERING

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.....
1930

8. The depth of water table.....
10.75

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
1" Steel CASED WELL
40' DEEP

10. The estimated amount of groundwater withdrawn each year.....
20,000 GALS

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 Louis T. Phillips

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.

17414

R-607 167935

Louis T. Phillips
Trust

to

The Public

STATE OF MONTANA

County of Lake

Filed on the 30 day of Dec

A. D. 1963 at 2:30 clock P. M.

[Signature]
County Clerk and Recorder

20

Deposits

22N-17W
RECEIVED County Lake 1-21

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

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

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

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

Owner Robert J. Hodgson
Address Carbon
Mont
Date well started 9-2-72
completed 9-8-72
Type of well Drilled
Equipment used Churn Drill
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

For Administrator's Use
File R-1388; 205975
Oct. 6, 1972 8:35 am.
GW 1

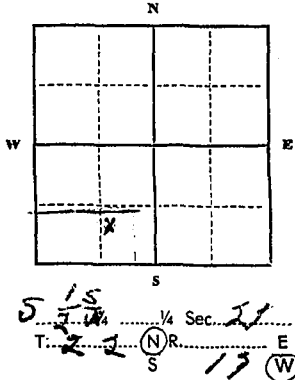
Top of Ground (Elev. above sea level) 3450

From (Feet)	To (Feet)	
0	12	Top Soil Slender and coarse sand
12	68	Bank and clay base of soil
68	94	Hard Pan cement rock and gravel light tan
94	124	clay brown yellow
124	134	same as above yellow same water
134	134	Water level 5 ft on water
134	140	same as above water

*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 800000 G

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
<u>5 3/4</u>	<u>6 5/8 219 well</u>	<u>+2</u>	<u>142</u>	<u>none</u>		



Static water level 85 ft.*
Pumping water level 90 ft.*
at 22 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by Bailer
for 4 hours.
Power Electric Pump 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) none
Mont
ump 12:00 P.M.
R.J.H.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.
Driller's Signature Robert W. Hudson
Driller's Address Swan Lake

LICENSE NO. 103 140 Show exact depth of bottom

R-1388

205975

ROBERT L. HODGKINS

TO

THE PUBLIC

STATE OF MONTANA ss
County of Lake

Filed on the 6 day of Oct
A. D. 1972 at 8:35 o'clock A. M.

ETHEL M. HARDING
County Clerk and Recorder
By J. Will Bantz Deputy

28

File No.

T. 22^N R. 17^W

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

Owner: Inga W. Smith address 1002 River St Missoula

Contractor (if any)

Address of Contractor

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

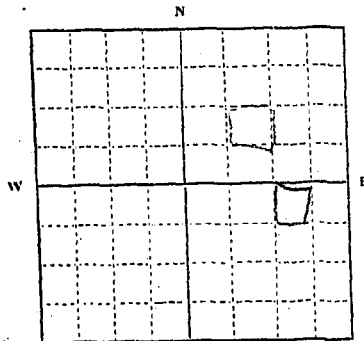
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

spring feed creek
& pond
sub irrigation of
meadow

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.....

summer time use of meadow
water from creek for house
hold use



E 1/2 NE 4
1/4 Sec. 28 T. 22 R. 17
Indicate point of appropriation and place of use, if possible.

Signature of Owner: Inga W. Smith

Date: Dec 31st 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.

R-864

163212

Inga W. Smith
to
The Public

STATE OF MONTANA

County of Lake,

Filed on the 31 day of Dec
A. D. 1963 at 5:37 o'clock P. M.

~~W. ZEL KINNICK~~

County Clerk and Recorder

By G. Kraus

200

Deputy

File No.

T. 21N R. 23W

DUPLICATE

County. Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAY 10 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater. 1949

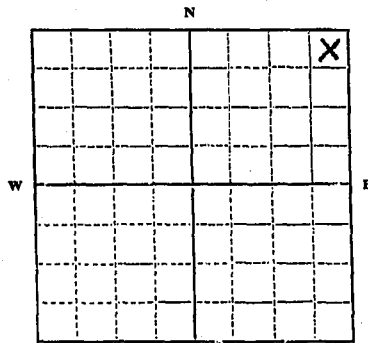
Owner. George A. Aweeka Address. Hot Springs Mont.

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

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



NE, NE 1/4 NE Sec. 1 T. 21 R. 23

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. 50 G.P.M. stored behind Dam for Irrigation

Signature of Owner. George A. Aweeka

Date. May 7, 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.

R-158

159602

Water Report
George Ameka
to
The Public

STATE OF MONTANA

County of Lake,

Filed on the 8 day of May
A. D. 1963 at 10:16 o'clock A.M.

~~HAZEL KINNICK~~

County Clerk and Recorder

By M. Krauss

Deputy

200

File No.

T. 21 N R 23 W

DUPLICATE

County Lake

SW

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAY 10 1963

STATE ENGINEER
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1949

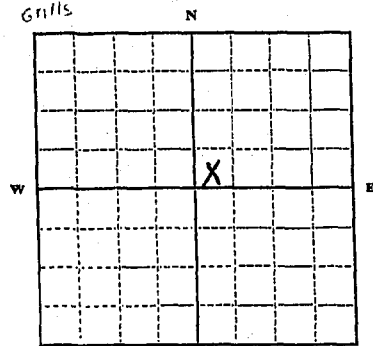
Owner George A. Aweeka Address Hat Springs Mont.

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

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



SW, SW 1/4 NE Sec. 2 T. 21. R. 23

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 50 G.P.M.

Subirrigate Hay Land

Signature of Owner George A. Aweeka

Date May 7, 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.

R-160

159604

Water Report

George Quincke

to

The Public

STATE OF MONTANA

County of Lake

Filed on the 8 day of May
A. D. 1963 at 10:20 a.m.

HAZEL KINNACK

County Clerk and Recorder

By

M. Knuss

Deputy

200

R-155

159599

Water Report
George Aweka
to
The Public

STATE OF MONTANA

County of Lake,

Filed on the 8 day of May
A. D. 1963 at 10:10 o'clock AM

HAZEL KINNICK

County Clerk and Recorder

By Th. Kraus

2 00

Deputy

File No. _____

T. 21N R. 23W

DUPLICATE

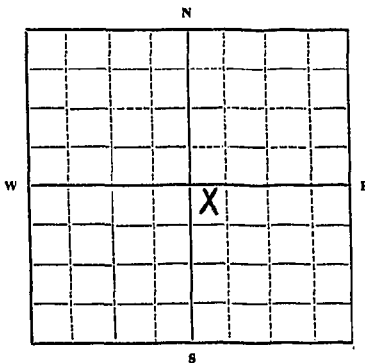
County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAY 10 1963

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

1. George A. Aweeka, of Rural Hot Springs
(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:



NW SE Sec. 2 T. 21 R. 23

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 250 G.P.M.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 40 ACRES SURROUNDING WELL
Geo. Aweeka

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 1910

8. The depth of water table FLOWING

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

HEAVY 3 1/2" I.D. CASING 240' DEEP

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

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 George A. Aweeka

Date May 7, 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.

R-159

159603

Water Report

George Ameka

to

The Public

STATE OF MONTANA
County of Lake

Filed on the 8 day of May
A. D. 1963 at 10:18 o'clock AM

HAZEL KINNICK
County Clerk and Recorder

By M. Kraus
Deputy

200

BRIDGE

W.C. KEEFER ENGINEERING

520 3rd

1010 CONSTRUCTION

RECORDS

RECORDS

RECORDS

W.A. DE W. W.

1810

File No.

T. 21N R. 23W

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAY 10 1963
STATE ENGINEER

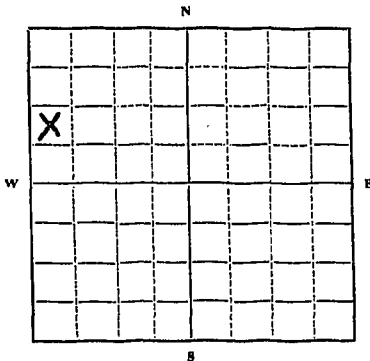
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. George A. Aweeka, of Rural Hot Springs
(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:



NW, SW, NW $\frac{1}{4}$ Sec. 2 T. 21 R. 23

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 250 G.P.M.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
40 ACRES SURROUNDING WELL
Geo. Aweeka

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. 1910

8. The depth of water table. 25'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Heavy 3 1/2" I.D. CASING 265' DEEP

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

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 George A. Aweeka

Date May 7, 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.

1347

R-157

159601

Water Report

George Queeka

to

The Public

STATE OF MONTANA

County of Lake.

Filed on the 8 day of May

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

County Clerk and Recorder

By M. Kraus

200

Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—3908

File No.

T. 21N R. 23W

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAY 10 1963
STATE ENGINEER

Top of Ground
(Elev. above sea level 2900)

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner George A. Aweeka Address Hot Springs Mont.

Driller Patrick Baxter Address Hot Springs Mont.

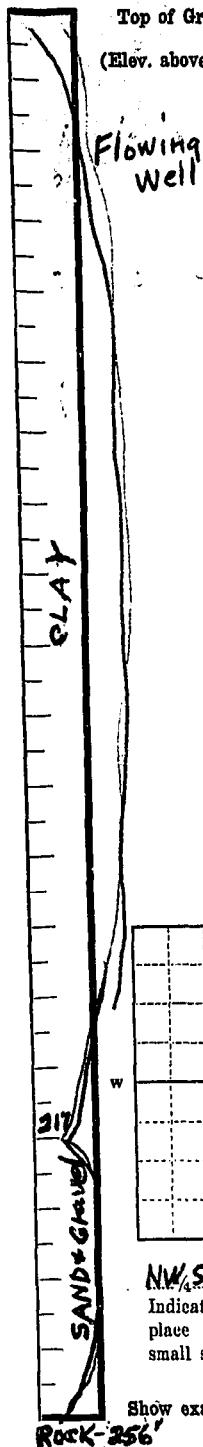
Date of Notice of Appropriation of Groundwater Dec. 15, 1962

Date well started Nov. 1962 Date Completed Dec. 15, 1962

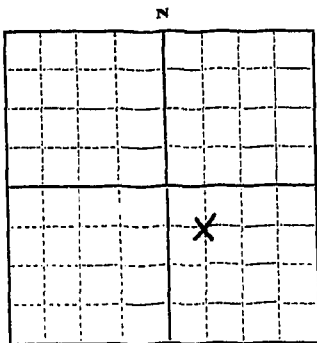
Type of well Drilled Equipment Used Jet.
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	6" I.D. Standard	0'	256		217'	256'



NW/4 SE Sec. 3 T. 21 R. 23
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Rock - 356'

Static Water Level for non-flowing Well _____ feet.

Shut-in Pressure for Flowing Well 12.16

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

Discharge in gal. per min. of flowing well 75 G.P.M.

How Tested Barrels Length of Test 2 Min.

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) 6" Valve

Shut off irrigates 30 acres

119
Driller's License Number

Lawrence Baxter
Driller's Signature

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

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

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

4346

R-156

159600

States Report
George Quicke
to
The Public

STATE OF MONTANA³⁵
County of Lake.

Filed on the 8 day of May
A. D. 1963 at 10:12 o'clock A.M.

HAZEL KINNICK

County Clerk and Recorder

By M. Kraus
200 Deputy

61

File No. _____

DUPLICATE

This was returned to have sec. 3, T. 21 R. 23 same back in 2.5 hrs

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

T. 21 R. 23

County. Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

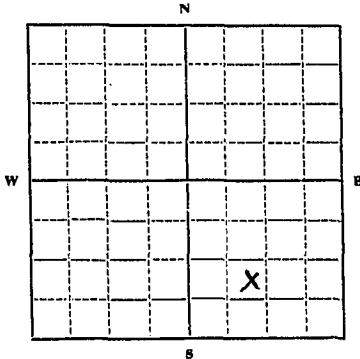
RECEIVED
SEP 18 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER
RECEIVED
SEP 25 1962

1. George A. Awecha (Name of Appropriator) of Rural - Hot Springs (Address) State of Montana (Town) County of Lake have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Divide Sec. 3 T. 21 R. 23

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

- 2. The beneficial use on which the claim is based. Irrigation of hayland & stock water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Used continuously since completion year of 1914
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 500 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. Artesian

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1914

8. The depth of water table. 234 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 4 inch heavy well casing 238' long with 4" valve at outlet

10. The estimated amount of groundwater withdrawn each year. 110 acre ft.

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 George A. Awecha
Date Sept. 7, 1962

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

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

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

R-117 156605

Water Well Report

George & Dorothy Overaker

to
The Public

STATE OF MONTANA

County of Lake

Filed on the 17 day of Sept

A. D. 1922 at 9:18 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By M. Knapp

Deputy

of 2

GV

3

File No.

T. 21 R. 23

DUPLICATE

County Lake

This was returned to home sec. by R. notated same back on 2/25

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 18 1962

Declaration of Vested Groundwater Rights

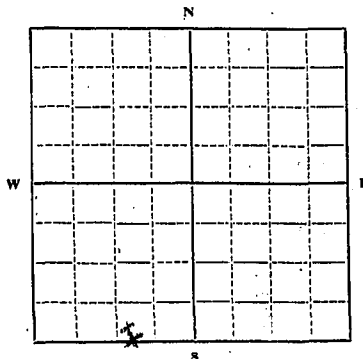
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER
RECEIVED
SEP 25 1962

I, George A. and Dorothy M. Aweeka of Rural Hot Springs
(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:

STATE ENGINEER



Dec 14, 1964
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based... Irrigation of Hayland and for stockwater & Domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... Used continuously since completion year of 1951

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 500 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... Artesian

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 1951

8. The depth of water table... 206 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... 6" heavy well casing 206 ft. long 6" valve at outlet.

10. The estimated amount of groundwater withdrawn each year... 110 acre feet.

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... Sept. 7, 1962

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

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

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

2109

R-118

156606

Water Well Report
George & Dorothy Aweska
to
The Public

STATE OF MONTANA

County of Lake

Filed on the 17 day of Sept

A. D. 1962 at 11:30 o'clock A. M.

HAZEL KINWICK

County Clerk and Recorder

By M. K. [Signature] Deputo

3-0

4/

T. 21 R. 23

County Lake
RECEIVED
BIOLOGY DEC 28 1961

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

		4/33
		3/31
WELL	2	

Owner Bill Christensen Address Hatspring

Driller _____ Address _____

Date Started _____ Date Completed 1966

Location: Sec. 3 T. 21 R. 23 1/4 sec. 3500'S + 2600'E of N.W. Corner of Sec 3

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other: _____

Casing: 235 ft. to 240 ft. Type Steel Size 4 inch

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

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

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

Pumping water level _____ feet at _____ gal. per min.

How tested: _____

Length of test _____

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

Delivering 700 gal per min Seasonal
gate valve. Shut off in winter

(over)

R 56 157931

STATE OF MONTANA }
County of Lake, } ss
Filed on the 26th day of May
A. D. 1961 at 2:40 o'clock P. M.
HAZEL KINNICK
County Clerk and Recorder
By S. Cleiman
Deputy

21

T. 21 R. 23
County LAKE

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 28 1961

Well

WATER WELL LOG

STATE ENGINEER

Owner Bill CHRISTENSEN Address Hot Springs, Mont

Driller EARL KING Address St. Ignace, Mont

Date Started _____ Date Completed 1948

Location: Sec. 4 T. 21 R. 23 1/4 sec. 2860's & 540' W of NE corner Sec 4

Type of well Drilled Equipment used CHURN

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other: _____

Casing: 238 ft. to 240 ft. Type STEEL Size 4 inch

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

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

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

Pumping water level _____ feet at _____ gal. per min.

How tested: _____

Length of test _____

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

Flowing 700 gal per min

(over)

R-55 1579 30

STATE OF MONTANA
County of Lake,
Filed on the 26 day of Dec
A. D. 1961 at 247 o'clock PM
HAZEL KINNICK
County Clerk and Recorder
By S. Cowman
Deputy

T. 21 R. 23 H
County LAKE

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 28 1961

WELL

WATER WELL LOG

STATE ENGINEER

Owner Bill CHRISTENSEN Address Hot Springs

Driller Address

Date Started 1916 Date Completed 1961

Location: Sec. 4 T. 21 R. 23 1/4 sec. 1320'S + 175' W of NE corner of Sec 4 - 334

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other:

Casing: 235 ft. to 240 ft. Type Steel Size 4 inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations none

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

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

Pumping water level: feet at gal. per min.

How tested:

Length of test:

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

GATE VALVE
Flowing 600 gal per min Second

R-54

157979

STATE OF MONTANA
County of Lake.
Filed on the 26 day of Dec
A. D. 1961 at 2:45 o'clock P.M.
HAZEL KINNICK
County Clerk and Recorder
By S. Cowan Deputy

4

File No.

T. 21 N. R. 23 W

DUPLICATE

County LAKE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1943

Owner Walter A Rau Address HOT SPRINGS

Contractor (if any) NONE

Address of Contractor NONE

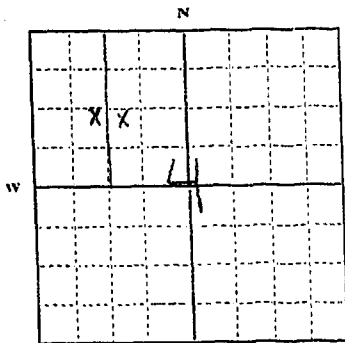
Date Started 1943 Date Completed 1943

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

Spring piped to barn & house supplies used to sub irrigate on both springs.

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. flows thru 2 in pipe.



S 1/2 NW 1/4 Sec. 4 T. 21 N. R. 23 W
Indicate point of appropriation and place of use, if possible.

Signature of Owner Walter A Rau

Date 12-28-63

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

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

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

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

2836
163182

STATE OF MONTANA
County of Lake,
Filed on the 31 day of Dec
A. D. 1923 at 5:06 o'clock P.M
HAZEL KINROSS
County Clerk and Recorder
By S. Cowman
Deputy

4

File No.

T. 21 N. R. 23 W.

DUPLICATE

County Lake

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

RECEIVED
 JUL 11 1963

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

1. Walter A. Rau, of Hot Springs
 (Name of Appropriator) (Address) (Town)
 County of Sanders State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

N			
	x		
W			E
S			

NW1/4, NE1/4, NW1/4 Sec. 4, T. 21 N., R. 23 W.

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

2. The beneficial use on which the claim is based Irrigation and stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1915 and continuous since that date, when needed.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Not known
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 Irrigates approximately 60 acres located in NE1/4, part of E1/4 NW1/4 and approx. 20 acres in N1/4 SE1/4 all in Sec. 4, T. 21 N., R. 23 W. owned by Walter A. Rau
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Flowing well
7. The date of commencement and completion of the construction of the well, ~~well~~ or other works for withdrawal of groundwater 1915
8. The depth of water table 287'
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 well, 4" casing and depth 287' --- one (1) well
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 Have no knowledge of any

Signature of Owner Walter A Rau
 Date June 21st, 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.

R182

160342

Water Report

Walter A. Rau

to

The Public

STATE OF MONTANA

County of Lake,

Filed on the 9 day of July

A. D. 1962 at 1:15 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By

E. Cowman

200

Deputy

File No.

T. 21^N R. 21^W

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

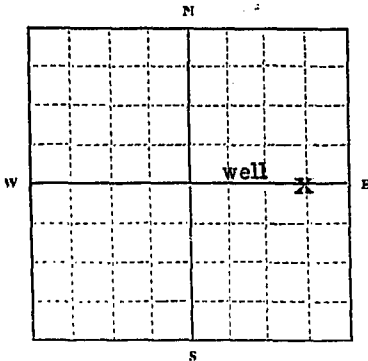
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 2 1964
STATE ENGINEER

M. Wallace Holt and Irene G. Holt, of Polson, Montana
(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:



E 1/2 Sec. 1 T. 21 R. 21

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1937 - intermittent use for stockwater

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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

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 1937

8. The depth of water table 30 feet

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

10. The estimated amount of groundwater withdrawn each year 600 gallons per day

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 M. Wallace Holt
Irene G. Holt

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.

2653

162988

Water Report

M. Wallace & Gene Holt

to
The Public

STATE OF MONTANA

County of Lake,

Filed on the 30 day of Dec

A. D. 1963 at 3:11 1/2 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By

G. Cowdin

Deputy

1200

File No.

T. 21 N. R. 21 W.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

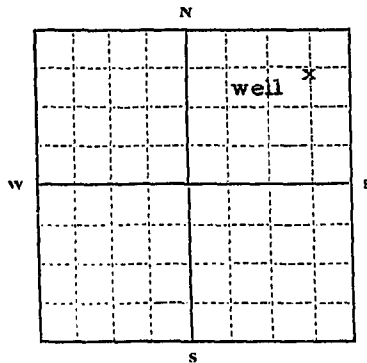
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, M. Wallace Holt & Irene G. Holt, of Polson
(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 $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 2 T. 21 R. 21

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 350 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 Cased well and electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1948

8. The depth of water table 40 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 well is 78 feet deep and metal casing with electric pump

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

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 M. Wallace Holt & Irene G. Holt

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.

R654

162989

Water Report

M. Wallace & Irene Holt

to

The Public

STATE OF MONTANA

County of Lake

Filed on the 30 day of Dec

A. D. 1963 at 3:16 o'clock P. M.

County Clerk and Recorder

E. Cowman

Deputy

20

File No.

T 21^N R 21^W

DUPLICATE

County... Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

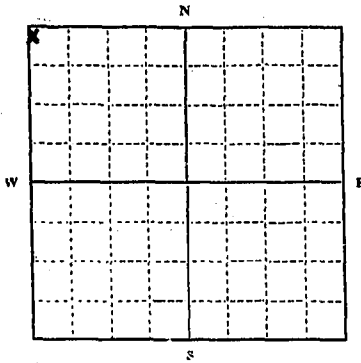
RECEIVED
JAN 2 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Wendell Burrows or Marilyn J. Burrows, of 1125 3rd. St. East Polson
(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:



NW 1/4 Lot 4 Sec. 4 T. 21 N. R. 21 W.

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

2. The beneficial use on which the claim is based... Household and Watering Cattle

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... The previous owner from which we purchased this property is deceased and we have no knowledge of when this well was dug, at least 30 yrs.

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

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

6. The means of withdrawing such water from the ground and the 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... Unknown same as #3

8. The depth of water table... 30 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... Dug well, cement cribbing, 32 ft. deep.

10. The estimated amount of groundwater withdrawn each year... Not using at present time until we build a house.

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

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

J. Wendell Burrows
Signature of Owner Marilyn J. Burrows

Date 12-30-63

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

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

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

R-643

162974

Water Report

J. Wendell & Marilyn J.

Burrows

to

The Public

STATE OF MONTANA

County of Lake

Filed on the 3rd day of Dec

A. D. 1963 at 1:50 o'clock P.M.

HAZEL KINNICK

County Clerk and Recorder

AK

By

Debate

820

File No.

T. 21^N R. 21^W 35

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

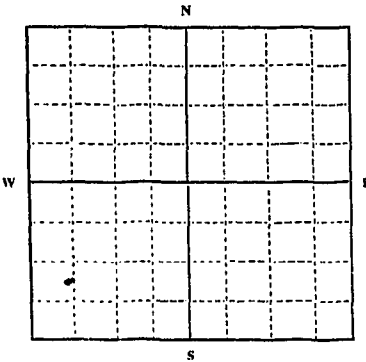
RECEIVED
DEC 30 1968

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. George W. Thompson, of P.O. Box 150 Polson
(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:



21^N 5^W Sec. 5 T. 21 R. 21

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

- 2. The beneficial use on which the claim is based Stock water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been from 1934 to present time
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gal
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal gravity
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1934
- 8. The depth of water table 4 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 16 ft
- 10. The estimated amount of groundwater withdrawn each year 438,000 gal
- 11. The log of formations encountered in the drilling of each well if available Clay and sand
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner George W. Thompson
Date 12/26/68

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.

R-483

162771

Water Report
George W. Thompson
to
The Public

STATE OF MONTANA

County of Lake

Filed on the 26 day of Dec
A. D. 1963 at 1:53 o'clock P.M.

HAZEL KINNICK

County Clerk and Recorder

By

A. Knauer

Deputy

9200

