

RECEIVED

21N-19W

31

APR 25 1972

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODETANA DEPARTMENT OF NATURAL
MONTANA WATER RESOURCES BOARD RESOURCES AND CONSERVATION

DRILLER'S LOG

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 Walter App

Address Box 153

No. Bonnaville, Wash. 98639

Date well started April 10, 1972

completed April 13, 1972

Type of well Drilled

Equipment used Churn Drill

Water Use: Domestic Municipal Stock Irrigation

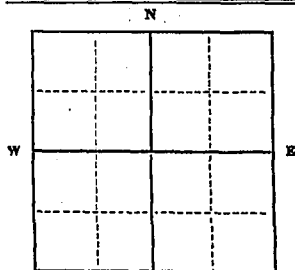
Industrial Drainage Other Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" ID	6" ID 17 lb above per ft.	1'	140'			



West 880' of N 499'
NE 1/4 NE 1/4 Sec. 31
T. 21 N. R. 19 E

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

Driller's Signature Glenn Camp
CAMP WELL DRILLING & PUMP SUPPLY
Driller's Address 1522 S. 14th W., Missoula, Montana

LICENSE NO. 7

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.

From (Feet)	To (Feet)	Well: <u>Ronan, Montana</u>
0	1	Black Dirt & Gravel
1	6	Clay, Gravel & Cobblestones
6	51	Sand
51	56	Gravel & Clay
56	67	Silty Clay
67	94	Clay & Gravel
94	101	Sand & Water
101	111	Silty Sand and Water
111	119	Silty Clay
119	124	Clay, Gravel & Seep of Water
124	134	Clay and Gravel
134	135	Sand, Gravel & Water
135	140	Clay, Gravel & Water

Static water level 88 ft.*
Pumping water level 88 ft.*
at 30 gallons per minute,
measured immed minutes after pumping began.
*Measured from ground level.
Well developed by test pump
for 22 hours.
Power Elec Pump 1 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

140' Show exact depth of bottom

59,264

175	180	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355	360	365	370	375	380	385	390	395	400	405	410	415	420	425	430	435	440	445	450	455	460	465	470	475	480	485	490	495	500	505	510	515	520	525	530	535	540	545	550	555	560	565	570	575	580	585	590	595	600	605	610	615	620	625	630	635	640	645	650	655	660	665	670	675	680	685	690	695	700	705	710	715	720	725	730	735	740	745	750	755	760	765	770	775	780	785	790	795	800	805	810	815	820	825	830	835	840	845	850	855	860	865	870	875	880	885	890	895	900	905	910	915	920	925	930	935	940	945	950	955	960	965	970	975	980	985	990	995	1000
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R 1338
203207

WALTER ARP
TO
THE PUBLIC

WELL REPORT

STATE OF MONTANA
County of Lake

Filed on the 24 day of April
A.D. 1977 at 10:02 o'clock A.M.

ETHEL M. HARDING
County Clerk and Recorder
by [Signature] Deputy

WALTER ARP
203207

STATE OF MONTANA
County of Lake

Filed on the 24 day of April
A.D. 1977 at 10:02 o'clock A.M.

ETHEL M. HARDING
County Clerk and Recorder
by [Signature] Deputy

31

File No.

T21N R 19W

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 **Robert W. and Marilyn K. Decker** Address **Ronan, Montana**

Driller **Liberty Drilling Co.** Address **Missoula, Montana**

Date of Notice of appropriation of groundwater **None filed.**

Date well started **5/15/70** Date completed **5/19/70**

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Top of Ground **Approx. 3100 ft.**
(Elev. above sea level)

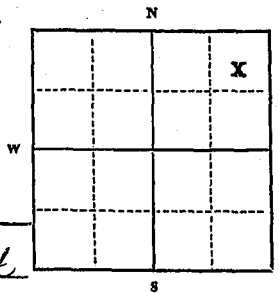
Formations Log:

- 0 - 1 Black dirt.
- 1 - 22 Gravel imbedded in tan clay.
- 22 - 89 Gravel imbedded in tan silt.
- 89 - 96 Tan silty clay.
- 96 - 103 Blue sandy gravel with some gray clay. Seeps of water.
- 103 - 106 Clean blue gravel. Clean water.
- 106 - Blue cemented gravel with some tan clay.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" x 1/2"	+8"	106	N	O	N E

Water rises in well 89 feet to surface.

Doc. No. 1224
Filed for record this 24 day of August, A. D. 19 70, at 2:50 o'clock P. M.



Static Water Level for non-flowing well 89 feet.
Shut-in Pressure for Flowing Well Non-f.
Pumping Water Level 99 feet at 40 gal. per minute.
Discharge in gal. per min. of flowing well Non-flowing

How Tested Pump test
Length of Test 3 1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well through open bottom of six inch casing. Wells in this area can be depended

NE 1/4 Sec 31, T21N R19W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

upon to produce clear sand free water year after year as long as they are not (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).

To irrigate approximately 8 acres.

Show exact depth of bottom.
Bottom of well **106 ft.**

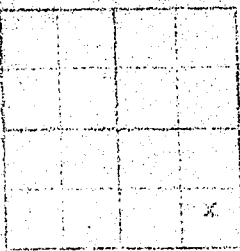
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

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

52
Driller's License Number

William F. Osborne
Driller's Signature.

47409



overpumped, i.e., they should be pumped at rates not in excess of 40 to 50 percent of the tested capacity of the aquifer.

1000 -
 900 -
 800 -
 700 -
 600 -
 500 -
 400 -
 300 -
 200 -
 100 -
 0 -

1000 -
 900 -
 800 -
 700 -
 600 -
 500 -
 400 -
 300 -
 200 -
 100 -
 0 -

1234
 ROBERT W. &
 MARLYN K. DECKER

TO

THE PUBLIC

WELL REPORT

STATE OF MONTANA
 County of Lake
 Filed on the 24 day of Aug
 A.D. 1920 at 2:20 o'clock P.M.
 ETHEL M. HARDING
 County Clerk and Recorder
 By *Charles [Signature]*

File No.

T. R.

DUPLICATE

County LAKE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

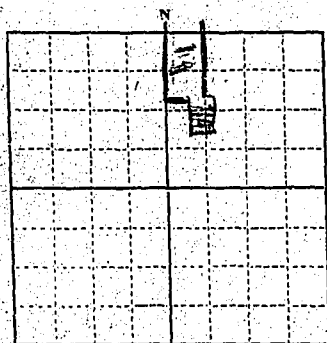
Date of Appropriation of Groundwater Aug. 14, 1958 (date
of deed or part of NE SW 1/4 Sec. 33)

Owner Grace Derr Address Ronan, Montana

Contractor (if any) None (not applicable)

Address of Contractor None (not applicable)

Date Started May 1921 Date Completed May 1958



NE ⁵ 33 21 19
1/4 Sec. T. R.

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

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

springs to provide drinking water for stock.

Sub-irrigation furnishes water for pasture

during part of the growing season. Depth to

water varies from just below the surface in
some places to 2 1/2 feet in others.

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent
(method of measuring water not applicable)

estimate approximate lengths of periods of use. Use is

intermittent and quantity of water fluctuates
with the amount of rainfall and spring run-
off. Approximate length of time of sub-irri-
gation is from May to early July and in a
favorable season this is adequate to produce
good pasture. In unfavorable seasons poor
pasture conditions result.

Signature of Owner Grace Derr

Date Dec. 9, 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.

R378
162578
Water Report
Proceedings
to
The Public

STATE OF MONTANA)
County of Lake.
Filed on the 17 day of Dec
A. D. 1963 at 3:16 o'clock P. M.
HAZEL KINNICK
County Clerk and Recorder
By G. C. Corman
Deputy

RECORDED
INDEXED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

SEP 24 1971

**NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962

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

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

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

Owner L. K. E., Inc.
A Montana Corporation
Address Box 167 Route #1
Ronan, Montana 59864

For Administrator's Use	
File	<u>200224</u>
	<u>September 23, 1971</u>
	<u>9:45 AM</u>
GW 1	

Date well started 7/1/71
completed 7/7/71

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Cable Tools

(Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

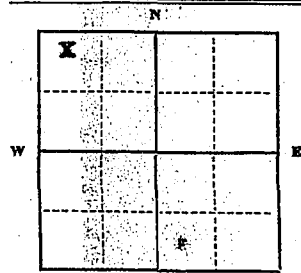
Industrial Drainage Other Garden/Lawn

*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). To irrigate approx. 40 acres

ESTIMATED ANNUAL WITHDRAWAL 105,120,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	8 5/8" # 1/2"	+3 1/2"	151' 4"	N	O	N



Gov't Lot One
NW 1/4 NW 1/4 Sec. 31
T. 21 N. R. 19 W. 31

Static water level Flows ft.*
Pumping water level Flows ft.*
at 200 gallons per minute,
measured minutes after pumping
began.
*Measured from ground level.
Well developed by Air Lift
for 4 1/2 hours.
Power Diesel Pump 150 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) All water
entering well through
open bottom of eight
inch casing.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.

EACH SMALL SQUARE REPRESENTS 40 ACRES.

LIBERTY DRILLING & PUMP CO.

Driller's Signature William F. Adams

Driller's Address 2500 Reserve Street

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 Approx. (elevation above sea level) 3060'

From (Feet)	To (Feet)	
0	5	Black topsoil
5	18	Sandy brown soil
18	48	Light tan clay
48	73	Gravel in fine clay
73	76	Gravel mixed in fine silty sand
76	85	Light tan silt & clay
85	112	Gravel, cobbles & boulders mixed in light tan clay
112	137	Gravel, cobbles & boulders imbedded in tan clay
137	142	Tan silt
142	144	Gravel imbedded in clay
144	148	Sand and gravel with stringers of clay mixed in
148	151	Clean coarse sand and gravel. Water

151 ft. Show exact depth of bottom
Flowing 200 gallons per minute
free flow over top of casing
49/26

H-1290

200224
WELL REPORT

E.K.B. MONTANA CORPORATION
TO
THE PUBLIC

STATE OF MONTANA
County of Lake

Filed on the 23 day of Sept

A. D. 1911 at 9:45 o'clock A.M.

ETHEL M. HARDING
County Clerk and Recorder

By Louis Bernard
Deputy

RECEIVED
OCT 1 1911

RECEIVED
OCT 1 1911

RECORDED BY MARY E. GIBSON
CLERK OF COURSE

RECORDED BY MARY E. GIBSON
CLERK OF COURSE

RECORDED BY MARY E. GIBSON
CLERK OF COURSE

File No. _____

T. 21 R. 19

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

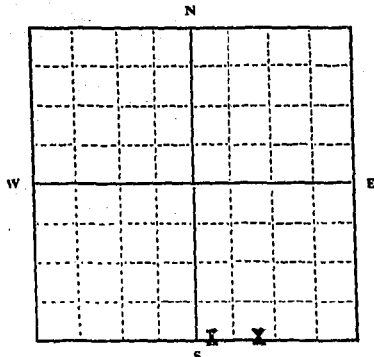
RECEIVED
NOV 27 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

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

I, Ota May Johnson, of _____, (Name of Appropriator) _____, (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:



Sec. 1/4 Sec. 31 T. 21 R. 19

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

- 2. The beneficial use on which the claim is based Domestic
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Approximately 1914
Daily
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 120,000 Gal. 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
Garden spot, approximately 50 feet by 100 f. t.
- 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 Approximately 1914
- 8. The depth of water table Approximately 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 Drilled with 6 inch casing. Withdrawal with a 2-inch pipe, tubular pump. Depth of well 30 feet.
- 10. The estimated amount of groundwater withdrawn each year 120,000 Gal.
- 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 No previous recording

Signature of Owner Ota May Johnson
Date November 12th, 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-288

162066

Water Right
of the May Johnson
to
the Public

STATE OF MONTANA }
County of Lake, } ss

Filed on the 20 day of Nov
A. D. 1963 at 10:32 o'clock A. M.

HAZEL KINNICK

County Clerk and Recorder

By M. Kneuss

\$200

Deputy

File No. _____

T. 21 N. 19 E. 31

DUPLICATE

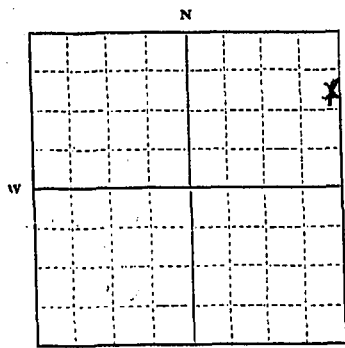
County _____
 STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER
 NOV 17 1964
RECEIVED
Notice of Completion of Groundwater Appropriation by Means of Well
 (Under Chapter 237, Montana Session Laws, 1961)

- Top of Ground (Elev. above sea level _____)
- 6' Top Soil
- 12' Sandy Clay
- 60' Fine Sand Water
- 60' Sticky Clay
- 110' Clay Gravel
- 145' Coarse Sand Gravel Water

Owner: Don Koester Address: Rohan Mont
 Driller: John Farrell Address: Arlee Mont
 Date of Notice of Appropriation of Groundwater _____
 Date well started: Oct 21 1964 Date Completed: Oct 29 1964
 Type of well: Drilled Equipment Used: Churn Drill
 (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)
5"	5" (144)	# 0	150'			



N 21 E 1/4 Sec. 31 T. 21 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 _____ feet.
 Shut-in Pressure for Flowing Well 2 Lb
 Pumping Water Level 21' feet at 15 gal. per minute.
 Discharge in gal. per min. of flowing well 4
 How Tested Pump Length of Test 2 Hrs

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

14
 Driller's License Number _____
John Farrell
 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.

38662

R 968

16-2729

Well Report
Donald Koester
To
The Public

STATE OF MONTANA

County of Lake

Filed on the 13 day of Nov

A. D. 1964 at 3:25 o'clock P. M.

HAZEL KINNICK

Clerk and Recorder

By E. Cowman

2.00

Deputy

OW 2

STATE WATER CONSERVATION BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—42229

File No. _____

JUN 19 1967

T. 21 R. 19

DUPLICATE

LOG
 County Lake
 STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Top of Ground
 (Elev. above sea level.....)
 top soil
 2
 to
 54 ft. clay and gravel mixed
 to
 87 ft. dry gravel bed
 to
 99 ft. clay and sand mixed
 to
 104 ft. coarse water bearing gravel
 bottom of well

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Scott Lynch Address: Ross, Montana

Driller: Phillip R. Lewis Address: St. Ignatius, Mont.

Date of Notice of appropriation of groundwater: _____

Date well started: 5/25/67 Date completed: 6/1/67

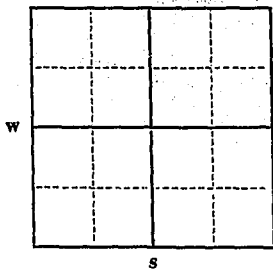
Type of well: _____ Equipment used: _____
(Dug, Driven, Drilled, Cased) (Churn drill, rotary, etc.)

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 inch	6 inch 19 lb. welded joints with	top of ground	104 ft.	none	none	none

driveshoe



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well 91 feet

Pumping Water Level 91 1/2 feet at _____ gal. per minute.

Discharge in gal. per min. of flowing well 15

How Tested: none

Length of Test: 3 hours

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

NE 1/4 Sec. 31 T. 21 R. 19
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Phillip R. Lewis
Driller's Signature

42,072

Subsequent steps in subsequent to this report are to be made by the applicant and the holder of the license.

Applicant	License No.	Class	Issue Date	Expiration Date	Remarks
...

...

PL 15 12 34 30

...

STATE OF MONTANA }
 County of Lake } ss
 Filed on the 15 day of June
 A. D. 1967 at 3:30 o'clock P. M.
 FTHEL M. HARDING
 County Clerk and Recorder
 By *Edwina Crown*
 Deputy

R1074
180178

...

File No.

T. 21^N R. 19^W

DUPLICATE

County Fisher

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 March 20-1961

Owner Conrad W. Davis Address Box 428 Ronan

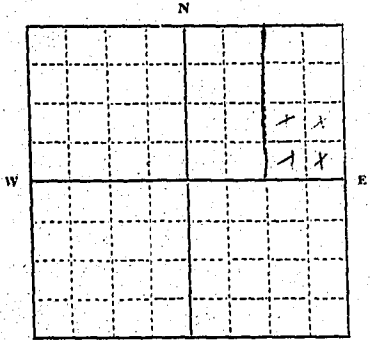
Contractor (if any)

Address of Contractor

Date Started Dec 31-63 Date Completed

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

Sub Irrigation and spring
near off. Natural Process



NE 1/4 Sec. 33 T. 21 R. 19

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 4 mos. per yr
Irrigate 40 acres

Signature of Owner Conrad W. Davis

Date Dec 31

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.

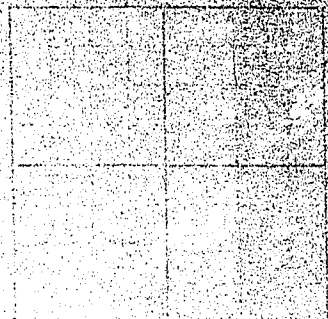
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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.

RA 1

76 3107

OFFICE OF THE COUNTY CLERK
COUNTY OF LAKE
STATE OF MONTANA



FILED IN BOOK NO. 10000
PAGE NO. 10000

STATE OF MONTANA
County of Lake
Filed on the 31 day of Dec
A. D. 1963 at 4:20'clock P.
HAZEL KINNICK
County Clerk and Recorder
By E. Cozner
Deputy

Accepted for filing
Notary Public
W. C. ...

File No. _____

MONTANA WATER RESOURCES BOARD

T 21N R 19W

DUPLICATE

RECEIVED

NOV 8 1967

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 287, Montana Session Laws, 1961)

Owner George Clifford Eckley

Address Bozeman Mont

Owner George Clifford Eckley **Address** Bozeman Mont

Driller John Farrell **Address** Arlee Mont

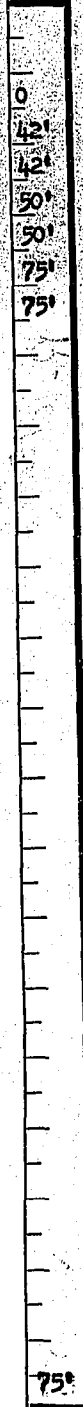
Date of Notice of Appropriation of Groundwater _____

Date well started Aug 16 1967 **Date Completed** Aug 22 1967

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

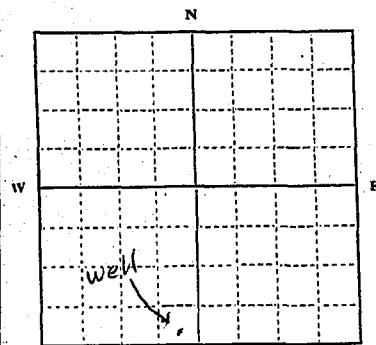
Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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.



Clay
Clay & Boulders
Clay & Gravel
Large Gravel & Water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 17#	0	75'			



S.E. 1/4 SW 1/4 Sec. 33 T.21N R.19W

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

75'

Show exact depth of bottom.

Static Water Level for non-flowing Well..... 40 feet.

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

Pumping Water Level..... 73 feet at..... 12 gal. per minute.

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

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

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

14

Driller's License Number

John Farrell
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.

42, 456

R-1093

181834

Well Report

George Clifford Eckley

To
The Public

STATE OF MONTANA } ss
County of Lake

Filed on the 1 day of Nov.

A. D. 1907 at 1:50 o'clock P. M.

ETHEL M. HARDING

County Clerk and Recorder

By W. A. Johnson Deputy

42.00

STATE OF MONTANA
COUNTY OF LAKE
WELL REPORT
No. 181834
R-1093
George Clifford Eckley
To
The Public
Filed on the 1 day of Nov.
A. D. 1907 at 1:50 o'clock P. M.
ETHEL M. HARDING
County Clerk and Recorder
By W. A. Johnson Deputy
42.00

File No.

T 21 R 19

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
JAN 4 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner M E Hall Address Roman RT 1

Driller R W Hudson Address Box 510

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

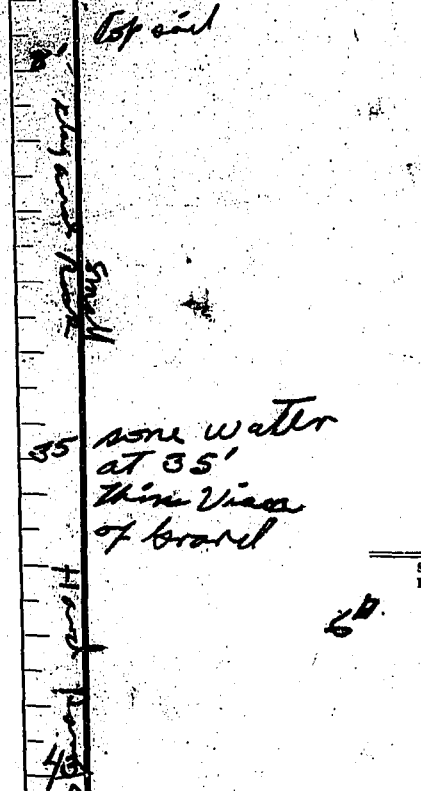
Date well started 7-8-62 Date Completed 7-13-62

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

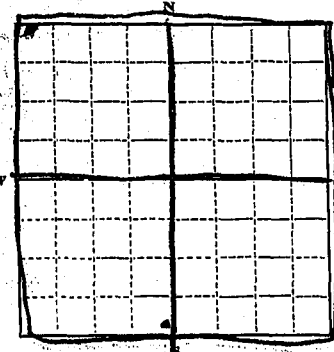
Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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.

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
60	1 1/2" x 22 19.8 lb R F	0	3'	none		



SE 1/4 SW 1/4 Sec 33 T21 R19

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

Show exact depth of bottom. 65'

Static Water Level for non-flowing Well 23 feet.

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

Pumping Water Level 53 feet at 16 gal. per minute.

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

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

103
Driller's License Number

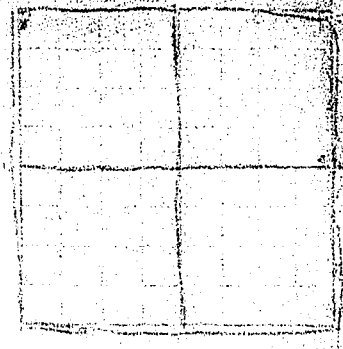
Robert W Hudson
Driller's Signature

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.

158034



Notar Public Report
Noah E. Hall
to
The Public

STATE OF MONTANA
County of Lake
Filed on the 2 day of January
A. D. 1963 at 2:55 o'clock P.M.
HAZEL KINNICR
County Clerk and Recorder
By M. Krause Deputy

Section	Block	Lot	Area	Remarks
1	1	1	1.00	
1	1	2	1.00	
1	1	3	1.00	
1	1	4	1.00	
1	2	1	1.00	
1	2	2	1.00	
1	2	3	1.00	
1	2	4	1.00	

to public, all in compliance with laws...
Noah E. Hall
Notary Public

File No. _____

T. 21 N. R. 19

DUPLICATE

County BLAKE

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 April 18, 1943

Owner Marie Ross Address Rte 1, Box 27, Ronan, Montana

Contractor (if any) None
NONE

Address of Contractor _____

Date Started May 1943 Date Completed Not developed

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

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 _____

50 miners' inches

headgate box 2ft. wide and 3 feet deep

not intermittent

Signature of Owner Marie Ross

Date 12/24/63

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.

R-5.5

167860

STATE OF MONTANA

County of Lake

Filed on the 27 day of Dec

A. D. 1963 at 9:30 clock A. M.

Skinner
County Clerk and Recorder

By _____
Deputy

33

File No.

T 21^W R 19^W

DUPLICATE

County LAKE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

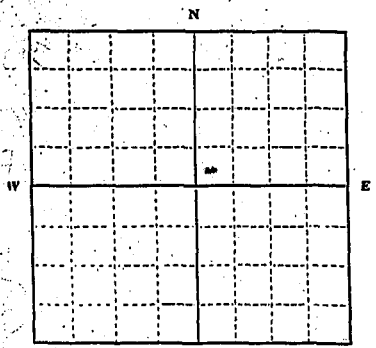
Declaration of Vested Groundwater Rights
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1 Marie Ross, of Rte. 1 Box 27 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 1/4 NE 1/4
1/4 Sec 33 T 21 R 19

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, irrigation, water livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 18, 1943--daily

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal. per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 6 acres garden and hay land Marie Ross

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump SW 1/4 SW 1/4 NE 1/4

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater March 20, 1943 March 23, 1943

8. The depth of water table Flows 8 months of the year Lowest point 10ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 2 1/2 feet deep 6 in. in diameter Pump rated at 1200 gal. an hour.

10. The estimated amount of groundwater withdrawn each year 185,000 gal per year

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

Signature of Owner Marie Ross
Date 12/26/63

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.

14920

R-514 162809

DAV...
S...
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DEPARTMENT OF LAND AND MINERAL INVESTIGATION
STATE OF MONTANA
LAND RECORDS DIVISION
HELENA, MONTANA

STATE OF MONTANA

County of Lake,

Filed on the 27 day of Dec

A. D. 1963 at 9:34 clock A.M

Okunick
County Clerk and Recorder

By _____
Deputy

...

...

...

C

33

File No. _____

MONTANA WATER RESOURCES BOARD

T 21N R 19W

DUPLICATE

RECEIVED

County Lake

LOG

MAR 3 1971

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner..... Gale Seyphers Address Manan

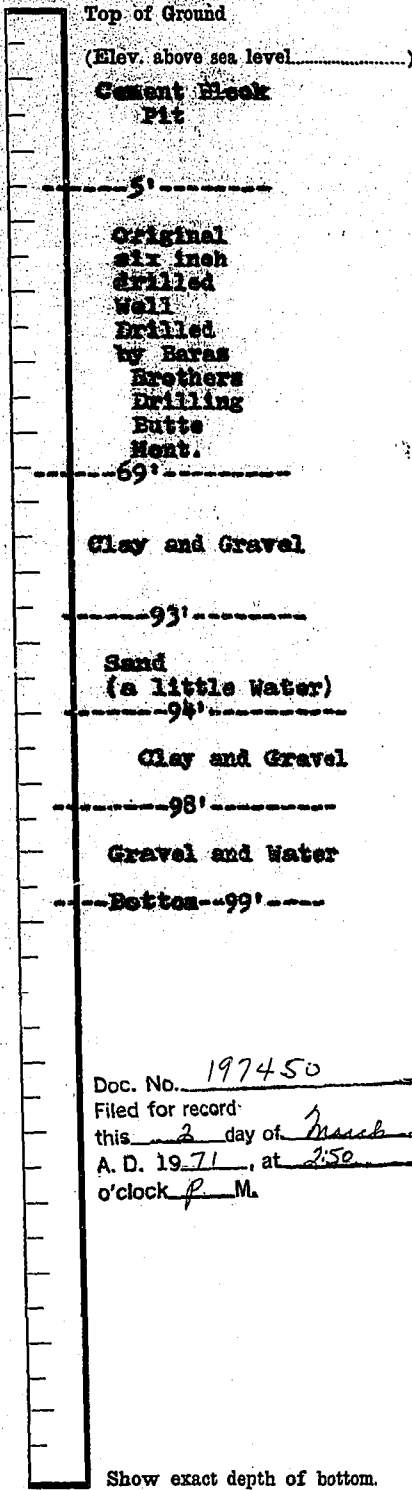
Driller..... Beche Drilling Address Polson

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

Date well started..... Dec. 5, 1969 Date completed..... Dec. 18, 1969

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

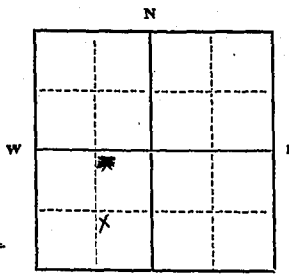
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other



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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind/Size	From (Feet)	To (Feet)
6"	6 5/8 17.02#	0	29'	None		

We welded onto the original casing and took it deeper. From 29' to 99' looks as if it is 6 5/8 17.02# casing.



Static Water Level for non flowing well..... 53 feet.

Shut-in Pressure for Flowing Well..... N/A

Pumping Water Level..... 68 feet
at..... 14 gal. per minute.

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

Doc. No. 197450

Filed for record
this 2 day of March
A. D. 1971, at 2:50
o'clock P. M.

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

NW 1/4 SE 1/4 SW 1/4
1/4 Sec. 33, T. 21N R. 19W

How Tested..... Paier

Length of Test..... 4 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff)..... We assume no responsibility for the material or workmanship of the original well Drilled by Baras Brothers.

(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.

~~ONE-SIXTY-THREE~~
Driller's License Number

W. Beche
Driller's Signature.

48178

Notice of Completion to Auction

STATE OF MONTANA

DEPARTMENT OF LAND AND MINES

Notice of Completion to Auction

Notice of Completion to Auction

Notice of Completion to Auction

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101

Notice of Completion to Auction

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R 1253

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Notice of Completion to Auction

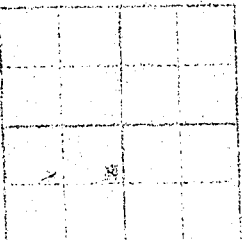
Notice of Completion to Auction

Notice of Completion to Auction

Notice of Completion to Auction

Notice of Completion to Auction

Notice of Completion to Auction



STATE OF MONTANA

County of Lake

Filed on the 2 day of June

A 7 11 2:50 clock P M

ETHEL M. HARDING

Deputy

201

WELL REPORT
GALE SCYPHIES
TO THE PUBLIC

Notice of Completion to Auction

Notice of Completion to Auction

Notice of Completion to Auction

Notice of Completion to Auction

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Notice of Completion to Auction

Notice of Completion to Auction

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4564

File No.

T 21N R 19W 33

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED

County Lake

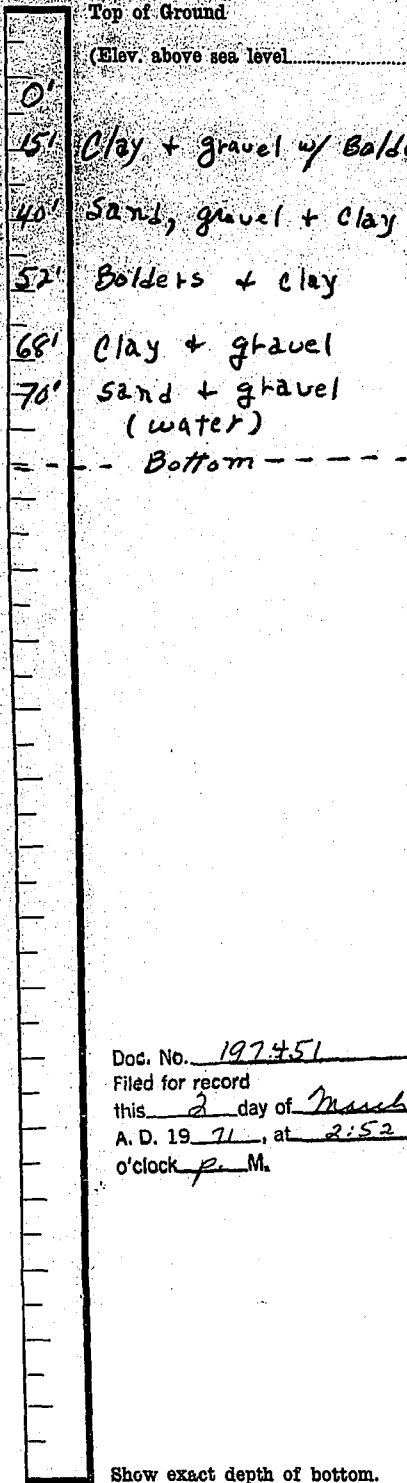
LOG MAR 3 1971

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Notice of Completion of Groundwater Appropriation by Means of Well

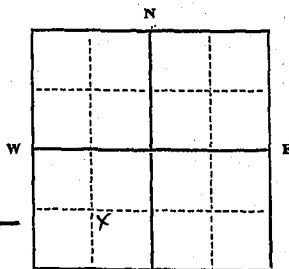
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)



Owner: Gale Scyphers Address: Ronan, Mont.
 Driller: Barrus Drilling Address: Butte, Mont.
 Date of Notice of appropriation of groundwater: Sept. 11, 1969
 Date well started: Sept. 10, 1969 Date completed: Sept. 11, 1969
 Type of well: Drilled Equipment used: Churn
 (Dug, driven, bored or drilled) (Churn drill, rotary or other)
 Water use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 IN.	6 3/8 OD 17.02 .250	0'	70'	trench 1/4" x 1/4"	65'	69'



Doc. No. 197451
 Filed for record
 this 2 day of March
 A. D. 19 71, at 2:52
 o'clock P. M.

NW 1/4 Sec 33 T. 21 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 52 feet.
 Shut-in Pressure for Flowing Well NA
 Pumping Water Level 63 feet
 at 8 gal. per minute.
 Discharge in gal. per min. of flowing well NA
 How Tested test pumped
 Length of Test 2 hrs
 Remarks: (Gravel packing, cementing, packers, type of shutoff) water is coming through the end of the casing.

(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).

NA.

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.

NO. 179
Driller's License Number

Martin J. Bowers
Driller's Signature

48179

I have returned the receipt for my check of \$100.00
 and I have received the same amount in cash.
 I have returned the receipt for my check of \$100.00
 and I have received the same amount in cash.
 I have returned the receipt for my check of \$100.00
 and I have received the same amount in cash.

I have returned the receipt for my check of \$100.00
 and I have received the same amount in cash.
 I have returned the receipt for my check of \$100.00
 and I have received the same amount in cash.
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 and I have received the same amount in cash.

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 and I have received the same amount in cash.
 I have returned the receipt for my check of \$100.00
 and I have received the same amount in cash.
 I have returned the receipt for my check of \$100.00
 and I have received the same amount in cash.

STATE OF MONTANA
 County of Lake
 Filed for record by *Ethere M. Harding*
Ethere M. Harding
 County Clerk and Recorder
 Deputy

1974
AUG 14

1974
AUG 14

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AUG 14

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AUG 14

WELL REPORT
GALE SCYPHERS
TO
THE PUBLIC

DEPARTMENT OF HEALTH
 DIVISION OF WATER CONTROL
 BILLINGS, MONTANA
 (801) 251-2111

Notice of Commission to Investigate
How to Enrich and Profit from
Development of Groundwater
 OFFICE OF STATE ENGINEER
 ADMINISTRATION OF GEORGETOWN CODE
 STATE OF MONTANA
 GEORGETOWN

(Date of Commission to Investigate)
 (Date of Report)
 (Date of Commission to Investigate)
 (Date of Report)
 (Date of Commission to Investigate)
 (Date of Report)

DEPARTMENT OF HEALTH
 DIVISION OF WATER CONTROL
 BILLINGS, MONTANA
 (801) 251-2111

DEPARTMENT OF HEALTH
 DIVISION OF WATER CONTROL
 BILLINGS, MONTANA
 (801) 251-2111

COUNTY OF LAKE
 DEPARTMENT OF HEALTH
 DIVISION OF WATER CONTROL
 BILLINGS, MONTANA
 (801) 251-2111

COUNTY OF LAKE
 DEPARTMENT OF HEALTH
 DIVISION OF WATER CONTROL
 BILLINGS, MONTANA
 (801) 251-2111

File No. _____

DUPLICATE

T. 21 N. R. 19 W.

County: Lake

check location

SW

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 28 1962

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater *May 22, 1962*

Owner *Lola M. Taplin* Address *Rte. 1 Ronan*

Contractor (if any) *NONE*

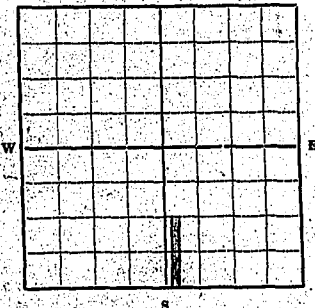
Address of Contractor _____

Date Started _____ Date Completed _____

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes" Include depth to water when applicable. Natural flowing Springs and Creek, diverted through a pipe and or ditch to cross the E1/4, W1/4 of Section 33, T.21N. R19W., to be used for stock drinking purposes.

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 _____

To be used for stock water.



SW 1/4 Sec. 33 T. 21 R. 19

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

Signature of Owner *Lola M. Taplin*

Date *June 29, 1962*

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

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

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

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

155613
R 10
Water Right
John M. Taylor
to
The Public

STATE OF MONTANA
County of Lake
Filed on the 26 day of June
A. D. 1962 at 2:45 o'clock P. M.
HAZEL KINNICK
County Clerk and Recorder
By Johnson Deputy
202

File No.

T21 N. R. 19 W.

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 4 1963
STATE ENGINEER

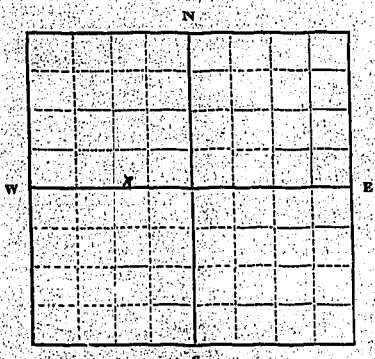
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater October, 1962
Owner Anton W. Walchuk
Viola A. Walchuk Address Rt. 1, Ronan, Mont.
Contractor (if any) None
Address of Contractor

Date Started October, 1962 Date Completed October, 1962

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



SE 1/4 NW 1/4 Sec. 33 T21N R. 19 W

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

or more specifically:
S 1/2 S 1/2 SE 1/4 NW 1/4 and S 1/2 N 1/2 SE 1/4 NW 1/4
of said Section, Township and Range.

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. 01 sec. ft. from main springs and .00537 sec. ft. from lesser springs. Wier box measure; in continuous use.

Signature of Owner Anton W. Walchuk
Viola A. Walchuk

Date September 24, 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.

6200

R 257161365
Water Report
Anton W. Viola
Kalohuk

STATE OF MONTANA
County of Lake
Filed on the 27 day of Oct
A. D. 1963 at 2:20 o'clock P.M.
HAZEL KINNICK
County Clerk and Recorder
By 6 Cowma Deputy

200

File No. _____
DUPLICATE

T21 N R 19
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 _____
Owner Lyle and Florence Walton Address Roman Mont

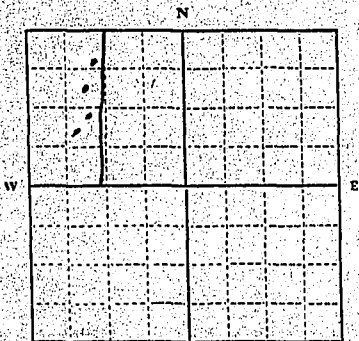
Contractor (if any) _____

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. These are natural springs used for stock water

Handwritten notes:
7/2 1/2 NW 1/4
and SW 1/4 NW 1/4



1/4 Sec. 23. T21 N19

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.

Signature of Owner Lyle Walton
Florence Walton

Date 12-31-63

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.

27350

850

163198

Lyle + Florence Walton

STATE OF MONTANA

County of Lake

Filed on the 31 day of Dec
A. D. 1963 at 5:23 o'clock P. M.

HAZEL KINICK

County Clerk and Recorder

M. Kraus

200

Deputy

GW 2

File No. _____

DUPLICATE

T. 21 R. 19

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)

Owner *Style and Son, Inc.* Address *Ronan*

Driller *Robert W. Hudson* Address *Box 181, Ronan*

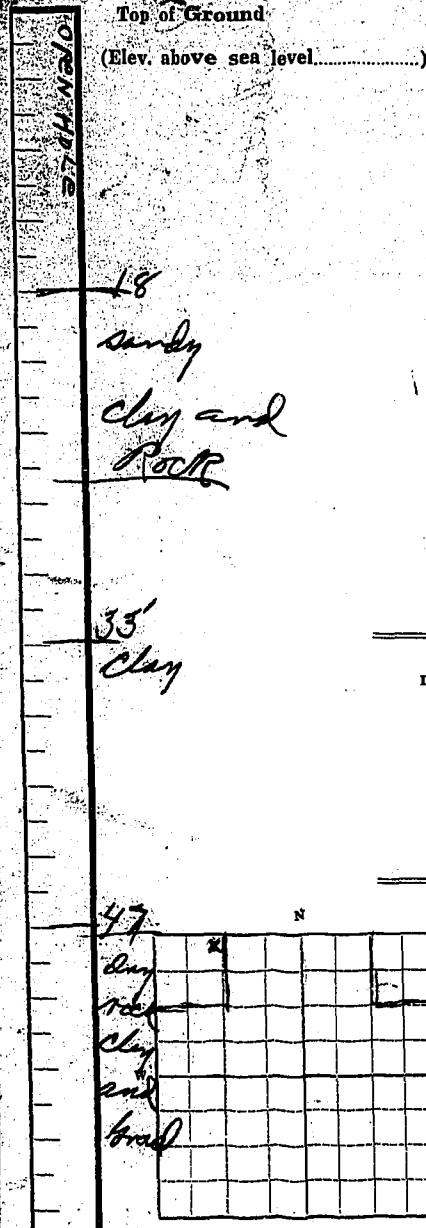
Date of Notice of Appropriation of Groundwater _____

Date well started *7-23-62* Date Completed *7-30-62*

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

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS	
				Kind Size	From (Feet)
6 in	6 5/8 od 19.5	0	69.5	none	

Static Water Level for non-flowing Well *64'* feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level *63* feet at *16* gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested *Bailer* Length of Test *2 hrs*

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

4/11 NW 1/4 NW 1/4 Sec. 33 T. 21 R. 19.

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

70' well was drilled in Sept. following completion 7-30-62

*will completed to 92' depth on 6/19/63
static water level at 64'
flow down by bailer test of 9 gal
per min. to 14' at
depth at bottom 92'*

Driller's License Number *103*

Driller's Signature *Robert W. Hudson*

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.

24349

OLAN No 10

File No 8459

163197

Lyle & Florence Walton

[Handwritten notes and scribbles]

STATE OF MONTANA
County of Lake,
Filed on the 31 day of Dec
4. D. 1963 at 5:22 o'clock P. M.
HARVEY KENNEDY
County Clerk and Recorder
M. Kraus
Deputy

[Vertical handwritten notes]
P.O. Box 100
Lyle, Mont.
12/31/63
...

DATE	FILED IN	INDEXED	CLASSIFIED	RECORDED
DEC 31 1963				

200

21N-19W
LAKE 33

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

RECEIVED

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

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

Owner George White

Address Bushy 31 White

RONAN Box 365

Date well started July 12

1970 completed July 16

Type of well Drilled

Equipment used Churn Drill

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 183,500 Gallon

PERFORATIONS

Size of Drilled Hole 6

Size and Weight of Casing 6 5/8

From (Feet) +1'

To (Feet) 78'

Kind Size From (Feet) To (Feet)

NONE

Static water level 44 ft.*

Pumping water level 36 ft.*

at 30 gallons per minute,

measured 10 minutes after pumping began.

*Measured from ground level.

Well developed by Bailer

for 4 hours.

Power..... Pump..... HP

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

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

Driller's Signature Donald R. Beck

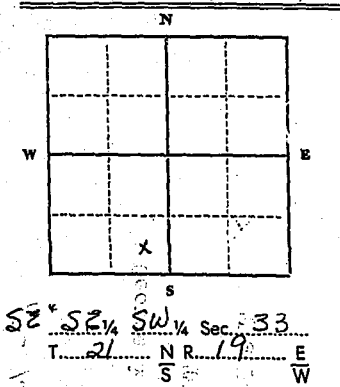
Driller's Address Box 1454

POHSON MONT.

LICENSE NO. 163

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	Character
0	10	Red CLAY
10	57	CLAY + GRAVEL
57	70	SANDY CLAY
70	76	Red CLAY
76	78	GRAVEL + WATER



SE 1/4 SW 1/4 Sec. 33
T. 21 N. R. 19 E.

78 Show exact depth of bottom

47347

R-1220
1947

George & Beverley White
TO
The Public

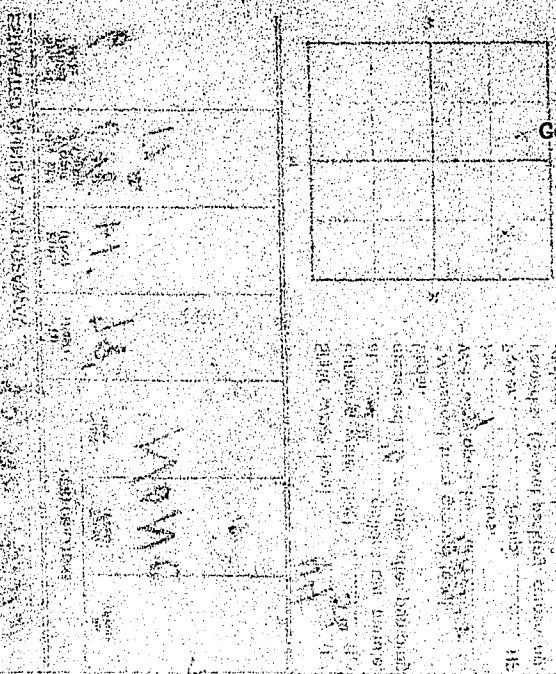
WELL REPORT

STATE OF MONTANA
County of Lake

Filed on the 11 day of August

A.D. 1947 at 11:10 o'clock A.M.
ETHEL M. HARDING

County Clerk and Recorder
By William R. Leight
Deputy



Vertical text on the left side of the page, possibly a title or reference number, including 'WELL REPORT' and 'STATE OF MONTANA'.

File No. _____

R E C E I V E
SEP 13 1965

T. 21 R. 19

TRIPPLICATE

County Lake

LOG REFERRED TO _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground Approx.
(Elev. above sea level 3189')

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

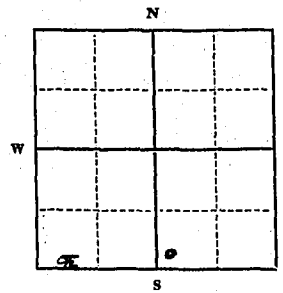
Formation Log:

- 0 - 1 Black dirt & cobblestones.
- 1 - 46 Boulders, cobblestones (Under Chapter 237, Montana Session Laws, 1961) & some tan clay.
- 46 - 55 Cemented gravel & cobblestones. Owner Florence L. Jordan Address Reman, Montana
- 55 - 63 Gravel imbedded in tan clay. Driller Liberty Drilling Co. Address Missoula, Montana
- 63 - 80 Gravel & cobblestones imbedded in tan clay. Date of Notice of appropriation of groundwater None filed
Date well started 3/4/65 Date completed 3/15/65
- 80 - 85 Seeps of water in Tan clay, gravel & boulders. Type of well Drilled Equipment used Cable Tools
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)
- 85 - 87 Clean coarse blue sand with water. Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other
- 87 Tan clay & broken rock.

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 1/2"	0	87	NONE		

Water rises in well 70' from surface



Static Water Level for non-flowing well _____ feet
70 feet

Shut-in Pressure for Flowing Well Non-f

Pumping Water Level 80 feet

at 5 1/2 gal. per minute.

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

How Tested Bafflor

Length of Test Three hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water is entering well through the open bottom of six inch casing.

SW 1/4 Sec. T21 R. 19

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).

Three acres

Show exact depth of bottom.

Bottom of hole 87'

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

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

Driller's License Number

William F. O'Brien
Driller's Signature

R1008
172037
Well Report
Dorcas Jordan

to
The Public
RECEIVED
SEP 13 1962
STATE WATER COMMISSION

STATE OF MONTANA) ss.
County of Lake
Filed on the 9 day of Sept
A. D. 1962 at 3:25 o'clock P. M.
HAZEL KINNICK
County Clerk and Recorder
By Eunice Cowan
Deputy

GW-2

Approved Stock Form—State Publishing Co.—Helena, Montana—1908

File No.

T. 20 R. 21

TRIPPLICATE

G.W. 4 construction

County Dakota

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
DEC 17 1962

Top of Ground
(Elev. above sea level 2860)

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Lester A Boyd Address Rosam, Mont.

Driller None Address _____

Date of Notice of Appropriation of Groundwater Dec 17 1962

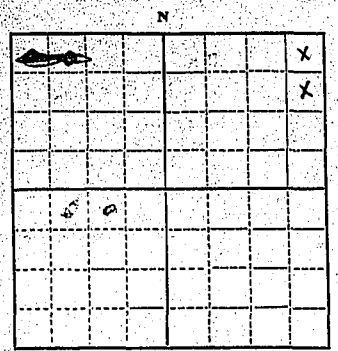
Date well started 1930 Date Completed 1930

Type of well Dug Equipment Used Steel & dip
(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)



NE 1/4 NE Sec. 1 T. 20 R. 21
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 16-20 feet

Shut-in Pressure for Flowing Well

Pumping Water Level 16-20 feet at 35 gal. per minute

Discharge in gal. per min. of flowing well

How Tested Length of Test

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

Driller's License Number _____

Driller's Signature _____

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

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

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

278

R130 159835

STATE OF MONTANA

County of Lake

Filed on the 17 day of Dec

A. D. 1962 at 2:30 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By G. Cowman

200

Deputy

File No.

T. 20N R. 21W

DUPLICATE

County Lake

GW 4

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1967

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater: *Dec 17 1967*

Owner: *Lester A. Boyl* Address: *Roman Mont*

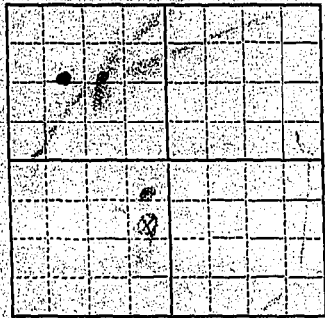
Contractor (if any) *None*

Address of Contractor:

Date Started: *1930* Date Completed: *1930*

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

Dug out & Developed



SE 1/4 NE Sec 1 T 20N R 21W

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.

12 months each year

Signature of Owner

Lester A. Boyl

Date: *Dec 17 1967*

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.

R737

157836

STATE OF MONTANA

County of Lake

Filed on the 17 day of Dec

A. D. 1962 at 3:20 o'clock PM

HAZEL KINNICK

County Clerk and Recorder

By E. C. C. C. C.

200

Deputy

File No.

T. 20^N R. 2^W
County Lake

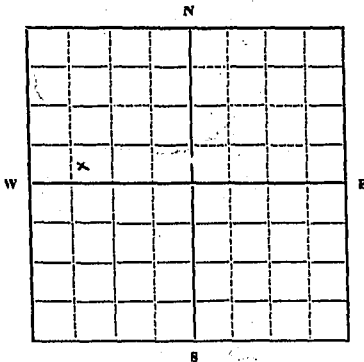
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963
STATE ENGINEER

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

1. JOE W. Bernickson, 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:



Sur. 1/4th Sec. 21 T. 20 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. Household and stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Aug. 15, 1930 and continuous daily

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 30 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. electric pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Commencement June 17, 1930
Completion Aug 15, 1930

8. The depth of water table. 170

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 2 in pipe
and 256 ft deep

10. The estimated amount of groundwater withdrawn each year. Over 6000 barrels.

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: JOE W. Bernickson
Date: Dec 18, 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-385

162609

States Report

Joe W. Cernik Jr

to

The Public

STATE OF MONTANA

County of Lake

Filed on the 18 day of December

A. D. 1963 at 3:15 o'clock P. M.

HAZEL KINNICK

Clerk and Recorder

By M. Kraus

\$2.00

Deputy

File No. _____

T. 20th R. 21st

DUPLICATE

County _____

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 1963 June

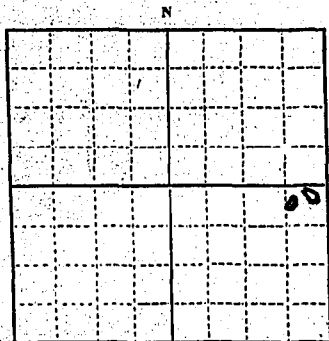
Owner Jacob Helvik Address Ronnn. Mont.

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.



Springs - cleaned & maintained.
Two Springs. Each flow 1/4 to 1/2
acre feet. - Sub-irrigation
& stock water.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

1/4 to 1/2 acre feet flow for
each spring. (Estimated)
Constant use

N/2 NE 1/4 Sec. 3 T. 20 R. 21
Indicate point of appropriation
and place of use, if possible.

Signature of Owner Jacob Helvik

Date December 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.

28971

R896

163302

STATE OF MONTANA

County of Lake

Filed on the 6th day of 1924
A. D. 1924 at 4:30 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By G. Cowan Deputy

File No.

T 20 N R 21 W

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

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

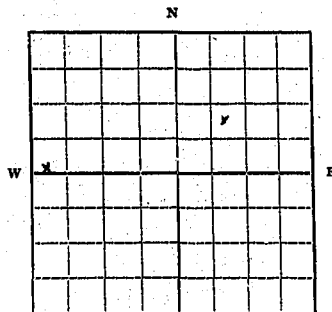
STATE ENGINEER

Percella J. McDonald and

1. Wm. Angus McDonald, of Star Route, 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 1/4 SW 1/4 NE 1/4
SW 1/4 SW 1/4 NE 1/4

1/4 Sec 7, T.20 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 year around for stock water and seasonal for irrigation source from two springs as indicated
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948; water use is continuous for stock water and seasonal for irrigation

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 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 on parts of NE 1/4 SW 1/4; NW 1/4 SE 1/4; SW 1/4 NW 1/4; and SE 1/4 NE 1/4, all T. 20 N., R. 21 W., MPM. and all in Section 7 of said Township and Range.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater no well

8. The depth of water table 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 no well, ditches and pipes.

10. The estimated amount of groundwater withdrawn each year ditches and pipes, estimated natural flow of spring is approx 5 cu ft per second.

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. Notice of Appropriation was filed before 1961 act, also notice of completion of Groundwater Appropriation Without Well was filed on November 27, 1963, but being improper form the within Declaration is subsequently filed.

Signature of Owner

Wm Angus McDonald
Percella J. McDonald

Date December 19, 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.

R 507 167798

Water Report

Percilla J & Tom Angus
The Donald

to
The Public

STATE OF MONTANA

County of Lake

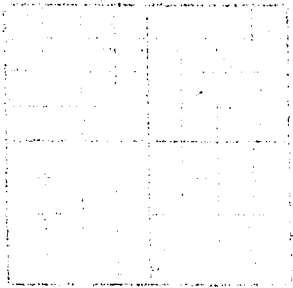
Filed on the 26 day of Dec
A. D. 1965 at 5:37 o'clock P. M.

Sturms
County Clerk and Recorder

By

gol

Deputy



File No.

T. 20 N. R. 21 W.

DUPLICATE

County: Lake

SW

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 3 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

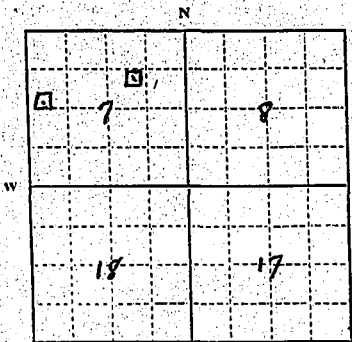
Date of Appropriation of Groundwater: 1948

Owner: Wm. Angus McDonald
Address: Ronan, Montana

Contractor (if any): none

Address of Contractor: none

Date Started: -- Date Completed: --



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Water from Spring located about 50 yds North of South boundary of Lot 2, Sec. 7, Town 20 North, Range 21 West, MPM runs thence across the NE corner NW $\frac{1}{4}$ SW $\frac{1}{4}$ of said Sec. 7, thence onto NE $\frac{1}{4}$ SW $\frac{1}{4}$ and NW $\frac{1}{4}$ SE $\frac{1}{4}$ of said Sec. 7, water used for stock water, domestic use and irrigation. Also Spring and drainage rising in the approximate NE corner of SW $\frac{1}{4}$ NE $\frac{1}{4}$ of said Sec. 7, thence on to S $\frac{1}{2}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$ of said sec. u. used for stock water domestic use and irrigation on said described lands.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

1/4 Sec. 7 T. 20 N. R. 21 W

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

estimate approximate lengths of periods of use. Water use is year around for stock water and seasonal for irrigation; estimated quantity 5 cubic feet per second (estimated rate)

NOTE: Recorded notice of appropriation was heretofore filed by predecessors in interest and as appears of record.

Signature of Owner: *Wm Angus McDonald*

Date: November 26, 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.

R303

165195

Water Report
Wm Auguste Donald
to
The Public

STATE OF MONTANA

County of Lake

Filed on the 27 day of Nov

A. D. 1963 at 4:05 o'clock P.M.

HAZEL KINNICK

County Clerk and Recorder

By G. Cowman

Deputy

GW

File No. _____

T-201-21

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

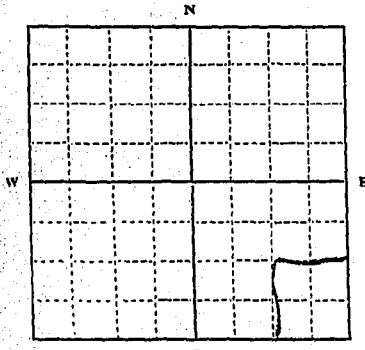
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. School District No. 28, 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:



1/4 Sec. 11, T. 20, 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....October 5th, 1950
used until 1946 when school connected to the Round Butte Water Co. line but well kept as an emergency unit.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....August 7th, 1950 Completed October 4th, 1950

8. The depth of water table.....As per copy of log on file in Clerks office

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....See copy of of log original on file in Clerks office

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

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

#4376

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.....

School District No. 28, Lake Co.
Signature of Owner..... Clerk

Date.....

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

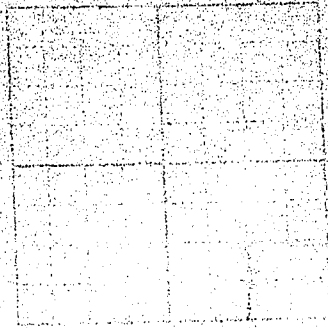
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

163224

876

School District #28



Top of Ground
(Elev. above sea level)

Handwritten notes on the left side of the document, including "165 ft", "370 ft", "375 ft", and "310 ft".

Drill Log
Water to be Used for
Drilling Report
Exact Location of Well
Owner of Well
Drill
MONTANA STATE BOARD OF HEALTH
Division of Sanitary Engineering
WELL DRILLERS REPORT
Registration No. 1572

STATE OF MONTANA

County of Lake, ss

Filed on the 31 day of Dec.

A. D. 1963 at 5:49 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By H. Kraus

Greer

Deputy

STATE OF MONTANA
 County of *Blaine*
 Filed on the *23*
 A.D. 19*51*

Top of Ground
 (Elev. above sea level.....)
 0
 TO
 310 FT
 clay some
 gravel and
 some large
 boulders
 310 FT
 TO
 365 FT
 clay with
 small gravel
 little water
 to 365
 365 FT
 TO
 480 FT
 large boulders
 with clay
 in hole
 gravel lot of
 480 FT
 TO
 552 FT
 boulders with
 clay and some
 gravel and
 silt
 552 FT
 TO
 590 FT
 shale rock
 broken up with
 water in it
 39 feet of shale
 Well 590 feet
 Show exact depth of bottom.

MONTANA STATE BOARD OF HEALTH
 Division of Sanitary Engineering
 WELL DRILLER'S REPORT

Registration No. *152*

Driller *L. Russell Browning* Address *Missoula*
 Owner of Well *School District 95 Roman Point*
 Exact Location of Well *Roman Point School Property*
 Water to be Used for *Domestic* *Roman*
 Drilling Begun *8-7-50* Well Finished *10-4-50*

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.

Casing Record

Size of Pipe	Kind and Weight of Material Used	From (Feet)	to (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	to (Feet)
	441-8" - 23	0	38			
	557-6" - 19	38	42			

the 6" casing is to the top seal and vent.
38 feet of open hole no casing in shale & other rock where the water comes in well water in well 42 feet

Describe the type of joints in casing *all welded*

Describe any screens used *no screen used*

Capacity of Well *10 g p m*
 (in Gallons or Barrels)

How Determined *in lift*
 (Pump, Baller, Weir, etc.)

Signature *L. Russell Browning*
 Date *6-1-1951*

(Law and Regulations on Reverse Side)

File No.

T 20 R 21

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

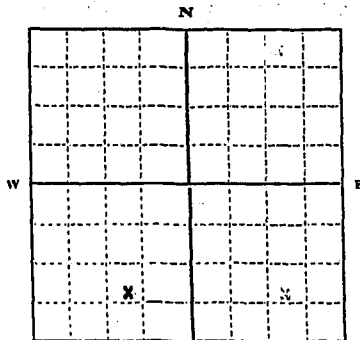
RECEIVED
DEC 27 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Frances Groom, RTE 2 Ronan, 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:



SE 1/4 Sec. 13 T. 20 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. Residential--household and lawn watering. Livestock watering.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. The well was dug in 1912 and the use has been continuous from and after that date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) twelve and one-half 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. The only irrigation for which the water is used is around the ranch buildings for watering the lawn and trees.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. The water is withdrawn by means of a Fairbanks-Morris jet pump which is located in a pump house approx. 10 feet from the well described herein.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. The well was completed sometime during the months of August 1912 through November of 1912.

8. The depth of water table. Varies between two feet and 10 feet, depending on how hard it is pumped.

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. This is a hand dug well, dug to a depth of 32 feet. The diameter inside of a four inch concrete casing is three feet.

10. The estimated amount of groundwater withdrawn each year. 300,000 to 400,000 gallons per year.

11. The log of formations encountered in the drilling of each well if available. first ten foot is composed of top soil and the remainder of the 32 feet is 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. No filing on this well had been made with the County Clerk and Recorder of Lake County. This well has never been pumped dry. With the pump running steady, the water table will draw down to 10 feet and then remain at that depth.

Signature of Owner: Frances Groom

Date: 12/23/63

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

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

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

R-449

162726

States Report
Frances Groom
to
The Public

STATE OF MONTANA

County of Lake,

Filed on the 23 day of Dec
A. D. 1963 at 4:00 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

M. Kraus

Deputy

9200

File No.

T. 20^N R. 21^W

DUPLICATE

County Lake

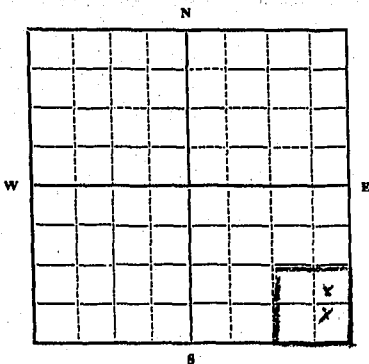
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Wayland Johnson of Route Two Ronan 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:



SE 1/4 SE 1/4 Sec. 13 T. 20 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. Livestock and domestic use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1930 used every day
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1.0 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. Lawn Garden Orchard
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric Pressure Pump Two Places
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. 16 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. Wells are four feet in diameter Hand Dug Rock and concrete lined
10. The estimated amount of groundwater withdrawn each year. Do Not Know
11. The log of formations encountered in the drilling of each well if available. No
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.

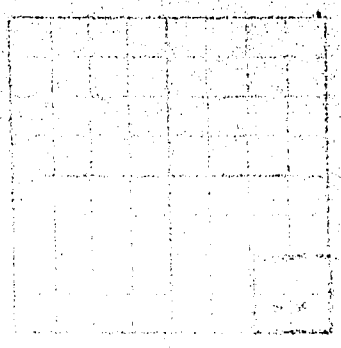
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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.

2-454

162735

Water Report
Raymond Johnson
to
The Public



STATE OF MONTANA
County of Lake
Filed on the 21st day of Dec
A. D. 1963 at 9:08 o'clock A.M
HAZEL KINNICK
County Clerk and Recorder
By E. Cowman
Deputy

200