

File No. \_\_\_\_\_

T. 7 R. 21

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

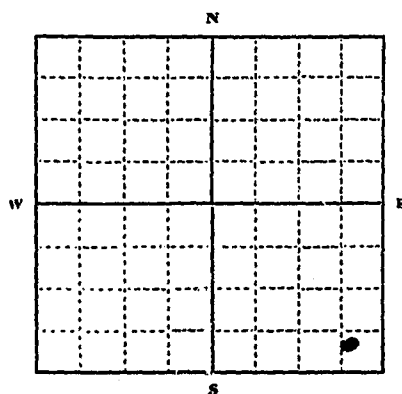
County \_\_\_\_\_

JAN 8 1964

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Joe A. & Mary L. Ess, of Victor  
(Name of Appropriator) (Address) (Town)  
County of Ravalli State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



5 1/2 NW 1/4 Sec. 23 T. 7 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 Irrigation House & Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been March 1947  
use has been continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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) Large Yard & Garden irrigation  
and house use.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Drilling  
Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater March 1947
8. The depth of water table 15 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 ft. by 4 ft. - 16 ft. deep
10. The estimated amount of groundwater withdrawn each year 1,536,000 gal. estimate 1 yr
11. The log of formations encountered in the drilling of each well if available Boulders & 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

Joe A. Ess  
Mary L. Ess

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.

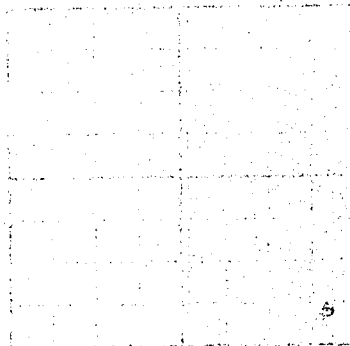
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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.

27271

# 2463

I certify that I received and filed this  
instrument on this 30th  
day of Dec 19 63 at 11:28  
o'clock A. M.  
F. H. Moore  
COUNTY RECORDER  
By Shirley Keith  
DEPUTY



NOTARY PUBLIC  
STATE OF TEXAS  
My Comm. Expires

NOTARY PUBLIC  
STATE OF TEXAS  
My Comm. Expires

File No. ....

T. 7 N. .... R. 21 E. S. 23

*Dup.*

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Ravalli County  
JAN 8 1964

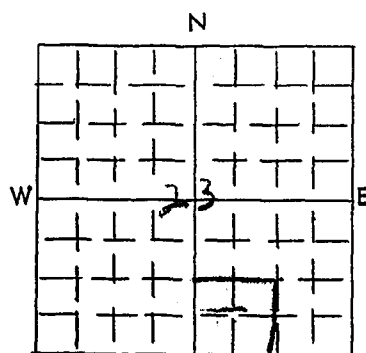
STATE ENGINEER

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

1. *Delbert R. Carter*, of *Vicary*, *Montana*  
(Name of Appropriator) (Address) (Town)

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

2. The beneficial use on which the claim is based. *domestic stock water irrigation*



*SW 1/4 SE 1/4 Sec 23 T7N R21E*  
..... 1/4..... Sec..... T..... R.....

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *1900*  
*Continuous*

4. The amount of groundwater claimed (in miner's inches or gallons per minute). *200 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. *40 acres SW 1/4 SE 1/4 Sec 23*  
*Delbert R. Carter*

The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. *7.5 mty pump*

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

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. *Spring*

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

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

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. *Delbert R. Carter*

Date. *12/31/63*

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

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

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

*Emelyn C. Sparsheim*

NOTARY PUBLIC for the State of Montana  
Residing at Hamilton, Montana  
My Commission Expires July 2, 1968

27532

File No. ....

T. 7 N. R. 21 E. S. 29

Deep.

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

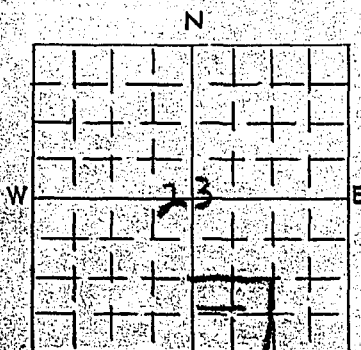
Ravalli County  
JAN 8 1964

STATE ENGINEER

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

1. Delbert R. Carter, of Victor, Montana  
(Name of Appropriator) (Address) (Town)  
County of Ravalli, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based, domestic stock water irrigation



SW 1/4 SE 1/4 S. 23 T. 7 N. R. 21 E.  
1/4 Sec. T. R.  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been. 1900  
Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 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. 40 acres SW 1/4 SE 1/4 S. 23  
Delbert R. Carter

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

Spring

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

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. Spring

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

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

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: Delbert R. Carter

Date: 12/31/63

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

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

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

Emelyn C. Spierheim

NOTARY PUBLIC for the State of Montana  
Residing at Hamilton, Montana  
My Commission Expires July 9, 1968

27532



#2722

I certify that I received and filed this  
instrument on this 31st  
day of Dec. 1963 at 8:28  
o'clock A.M.  
F. G. Moore  
COUNTY RECORDER  
By Shirley Keith  
DEPUTY

File No. ....

T. 7 N. R. 21 E. 23

*dup.*

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  
STATE ENGINEER

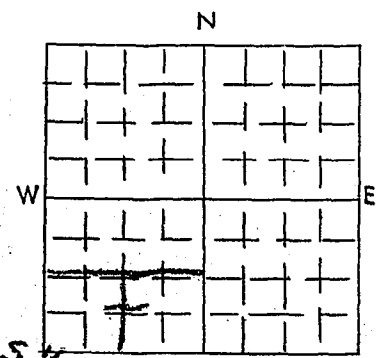
RECEIVED  
Ravalli County  
JAN 8 1964

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

1. Delbert R Carter of Victor Montana  
(Name of Appropriator) (Address) (Town)

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

2. The beneficial use on which the claim is based. domestic stock water + irrigation



S 1/2 SW 1/4 Sec 23 T 7 N R 21 W  
.....1/4.....Sec.....T.....R.....

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1900

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 200 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. 68 acres  
S 1/2 SW 1/4 Sec 23 T 7 N R 21 W  
40 acres SW 1/4 SE 1/4 Sec 23 T 7 N R 21 W

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

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

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. Spring

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

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

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

Signature of Owner. Delbert R Carter  
Date. 12/31/63

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

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

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

*Lucy C Spoonheim*

NOTARY PUBLIC for the State of Montana  
Residing at Hamilton, Montana  
My Commission Expires July 9, 1968

27531

#2721

I certify that I received and filed this  
Instrument on this 31st  
day of Dec., 1963, at 8:27  
o'clock A. M.

F. B. Moore

COUNTY RECORDER

By

Shirley Keith

DEPUTY

File No. ....

T. 7N R. 21W

DUPLICATE

County Ravalli

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 17 1964

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Before 1900Owner David Unruh Address Victor, Montanaand Gertrude UnruhContractor (if any) Former owner - Don C. McNeely

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 and sub-irrigation, spread over about 5 acres within 2 Forties running from N.W. to S.E. direction.

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. About 15 inches. Used all year for livestock and about 6 mos. of a year for irrigation.

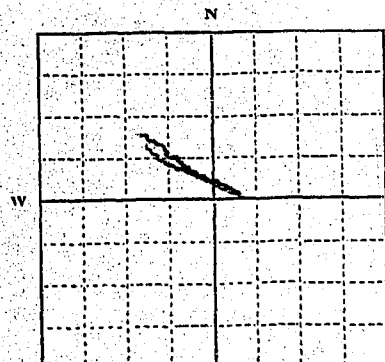
Signature of Owner David UnruhDate Dec 31, 1963Gertrude Unruh

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.



SW, NE 23 7  
S.E. 1/4 N.W. 1/4 Sec. T. 7 R. 21

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

#2923

I certify that I received and filed this  
instrument on this 31st  
day of Dec. 1963 at 11:53  
o'clock A. M.  
F. H. Moore  
COUNTY RECORDER  
By Shirley Keith  
DEPUTY

File No. \_\_\_\_\_

T. 7<sup>N</sup> R. 21<sup>W</sup>

DUPLICATE

County Ravalli

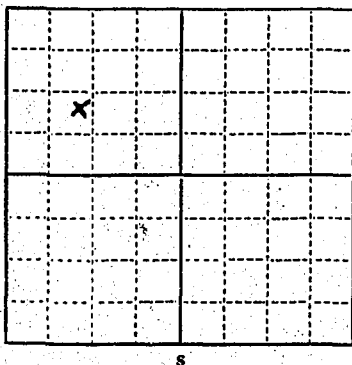
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 31 1963  
STATE ENGINEER

1. David Unruh and Gertrude Unruh, of Victor  
(Name of Appropriator) (Address) (Town)  
County of Ravalli State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NW Sec. 23, T. 7 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 Domestic  
and livestock.

3. Date or approximate date of earliest beneficial use; and how continu-  
ous the use has been Oct. 1959  
All year around

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 100 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 loca-  
tion 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 with-  
drawal of groundwater Oct. 1959

8. The depth of water table. 34'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater. 6" steel casing  
depth 136'

10. The estimated amount of groundwater withdrawn each year. 5,400,000

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

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

Signature of Owner

David UnruhDate Dec 19, 1963Gertrude Unruh

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.

16772



2283

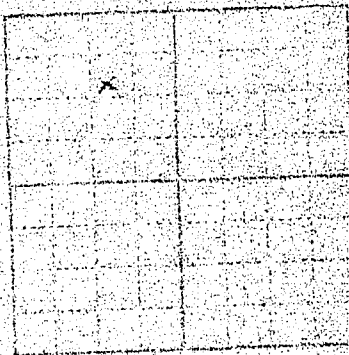
I certify that I received and filed this  
instrument on this 27  
day of Dec, 1963, at 2:23  
o'clock P.M.

F. S. Moore  
Deputy Recorder

Deputy

Office of the  
Commissioner of  
Administration  
State of Missouri  
Jefferson City

27 DEC 1963  
RECEIVED



20 NOV 1963 11:11 AM

NOV 22

For a copy of the original instrument, please apply to the County Clerk, Jefferson City, Missouri.

NOV 22 1963  
RECEIVED  
COUNTY CLERK  
JEFFERSON CITY, MISSOURI

File No. ....

MONTANA WATER RESOURCES BOARD

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

DUPLICATE

RECEIVED

County Parade

LOG

JAN 21 1971

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

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, as amended)

Owner Orman LaVeie Address HelenaDriller Pill Anderson Address Victor Mont

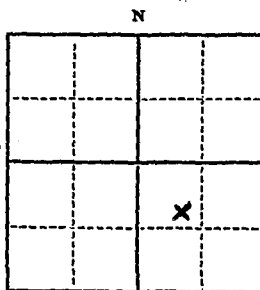
Date of Notice of appropriation of groundwater.....

Date well started Sept 23, 70 Date completed Oct 5, 70Type 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 in	2 5/8 wall 6 in	03	72			

Doc. No. 5-780  
Filed for record  
this 20 day of January  
A. D. 19 71, at 3:31  
O'clock P.



NW 1/4 Sec. 23 T. 7 N R. 2 W  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 6 feet.

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

Pumping Water Level 612 feetat 12 gal. per minute.Discharge in gal. per min. of flowing well 16 gal per minHow Tested gaugeLength of Test 12 hr

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

(Continue on reverse side)

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

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

William Anderson  
Driller's Signature.

48014

#5380

7/10/71

I certify that I received and filed this instrument on this 20<sup>th</sup> day of JAN, 1971 at 3:31 o'clock P.M.

J. S. Brown  
COUNTY RECORDER

2.00

DEPUTY  
COUNTY RECORDER  
JAN 21 1971


RECEIVED  
JAN 21 1971  
AT D. A.

File No. 1616

DUPLICATE

T. 7 N. R. 21

County Ravalli

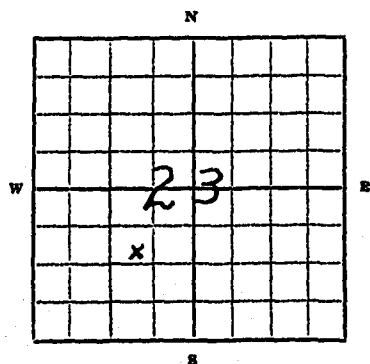
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
APR 5 1962

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

STATE ENGINEER

1. Ernest Golay, of Victor  
(Name of Appropriator) (Address) (Town)  
County of Ravalli State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

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 Stock Water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1, 1930 & continuously ever since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electrically driven pump. Well located about 200 feet East of Southwest corner of NW 1/4 Sec. 23, T. 7 N., R. 21 West.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced and completed prior to 7-1-30
8. The depth of water table 48 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 5 inch steel casing a depth of 60 feet.
10. The estimated amount of groundwater withdrawn each year 121,500 gallons
11. The log of formations encountered in the drilling of each well if available unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None available.

Signature of Owner Ernest Golay

Date March 30, 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 School of Mines and Quadruplicate for the Appropriator.

GW

File No. 1615

DUPLICATE

T 7 N R 21

County Ravalli

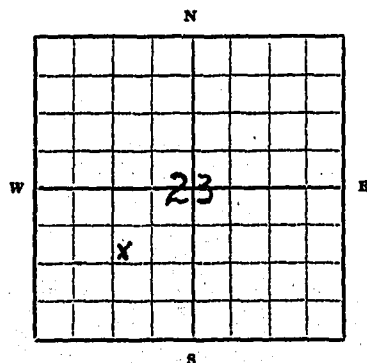
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
APR 5 1962

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

STATE ENGINEER

1. **Ernest Golay**, of **Victor**  
(Name of Appropriator) (Address) (Town)  
County of **Ravalli** State of **Montana**  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based **Domestic use in residence and buildings.**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **Jan. 1, 1900 & continuously ever since.**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **10 gallons per minute.**
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof **Not applicable.**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **Electrically driven pump. Well located near Southwest corner of NW 1/4 Sec. 23, T. 7 N., R. 21 W.**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **Commenced and completed prior to 1-1-1900**
8. The depth of water table **20 feet**
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater **5 inch tile casing a depth of 25 feet.**
10. The estimated amount of groundwater withdrawn each year **36,500 gallons.**
11. The log of formations encountered in the drilling of each well if available **Decomposed granite formation.**
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record **None available.**

Signature of Owner *Ernest Golay*

Date **March 30, 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 School of Mines and Quadruplicate for the Appropriator.

224

GW 2

File No. \_\_\_\_\_

DUPLICATE

MONTANA WATER RESOURCES BOARD

RECEIVED

NOV 2 1967

T \_\_\_\_\_ R \_\_\_\_\_

Ravalli County

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 John Penner Address Victor Mont  
Driller Bill Anderson Address Grantsville Mont

Date of Notice of Appropriation of Groundwater \_\_\_\_\_

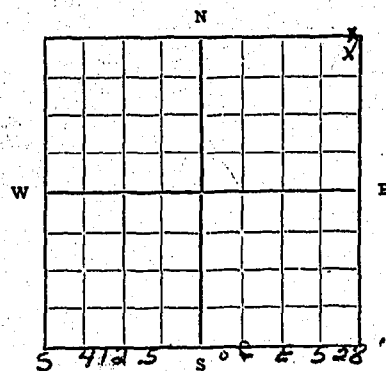
Date well started Jan 16-67 Date Completed Jan 18-67

Type of well Drill 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)
4 in	9 in 4 in	0	31			



S 4125 S 06 E 528  
NE 1/4 NE Sec. 24 T. 7 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 6 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 10 feet at 10 gal. per minute.Discharge in gal. per min. of flowing well 20 per minHow Tested long pump Length of Test 2 hr

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

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 School of Mines and Quadruplicate for the Appropriator.

42-447



*[Handwritten signature]*

County Clerk and J. C. Moore  
County Recorder

Instrument on this 3<sup>rd</sup> day of Oct. 1907 filed for record at 11:15 o'clock M.

D. S. Moore

COUNTY RECORDER

by *[Signature]* Fee \$2.00

DEPUTY

and O'Connell might not be the appropriate  
 opponents for the County Council and possibly  
 the best chance of success. It was also  
 pointed out that the County Council was  
 not a political party and that the  
 County Council was not a political party.

subject to dip. from water

and how to collect evidence  
from a person who has been  
arrested or detained.

[illegible][illegible]

RECEIVED

3 GW 3 Revised 1969  
2037-1500-1/71

JUN 29 1973

County Ravalli

STATE OF MONTANA  
MONTANA DEPARTMENT OF AGRICULTURE  
ADMINISTRATOR OF GROUNDWATER CODE  
RESOURCES AND CONSERVATION  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use

File 5991; 198358

June 27, 1973

GW 1 4:35 p.m.

Owner Eugene O. Gunderson and Beverly E. Gunderson

Address Route 1, Box 316, Victor, Montana 59875

Contractor (if any) N/A

Address of Contractor

Date Started 6-1-73 Date Completed 6-26-73

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

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

3. Depth of water table 5 feet

4. Use of the water irrigation

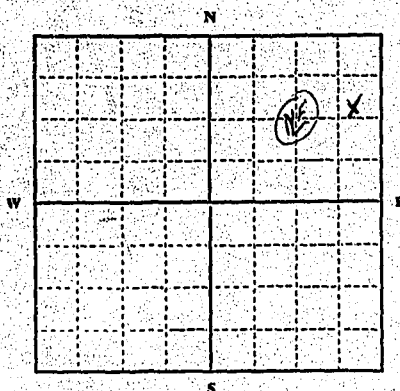
5. Amount of groundwater claimed (in miner's inches or gallons per minute) 65 gallons per minute

6. If used for irrigation, give number of acres and description of land five acres

7. Estimate amount of water used each year

4,000,000 gallons

8. Months of year spring flows twelve



1/4 NE 1/4 NE 1/4 Sec. 24

T. 7 N. R. 21 XX  
S. W.

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.  
Elevation of spring, if known or estimated

Spring is located app. 245' East of fence line and 231' south of north fence line.

Beverly E. Gunderson  
Signature of Owner Eugene O. Gunderson

Date 6-26-73

54433

5991

198358

附錄

ငယ်လေး

**NEW POSITIVE MORTALNOŚĆA SĘTA**

WOLFF & BERGSON  
290 N. W. 7th St.  
Miami Beach, Fla.

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instru  
day of  
o'clock  
D

(June) "Observation of sea"

THE JOURNAL OF THE

1

IDENTIFICATION: 3 VOLUME HAS POTENTIAL (1) RESEARCH

1385. 1901. 1902. 1903. 1904. 1905. 1906. 1907. 1908. 1909. 1910. 1911. 1912. 1913. 1914. 1915. 1916. 1917. 1918. 1919. 1920. 1921. 1922. 1923. 1924. 1925. 1926. 1927. 1928. 1929. 1930. 1931. 1932. 1933. 1934. 1935. 1936. 1937. 1938. 1939. 1940. 1941. 1942. 1943. 1944. 1945. 1946. 1947. 1948. 1949. 1950. 1951. 1952. 1953. 1954. 1955. 1956. 1957. 1958. 1959. 1960. 1961. 1962. 1963. 1964. 1965. 1966. 1967. 1968. 1969. 1970. 1971. 1972. 1973. 1974. 1975. 1976. 1977. 1978. 1979. 1980. 1981. 1982. 1983. 1984. 1985. 1986. 1987. 1988. 1989. 1990. 1991. 1992. 1993. 1994. 1995. 1996. 1997. 1998. 1999. 2000. 2001. 2002. 2003. 2004. 2005. 2006. 2007. 2008. 2009. 2010. 2011. 2012. 2013. 2014. 2015. 2016. 2017. 2018. 2019. 2020. 2021. 2022. 2023. 2024. 2025. 2026. 2027. 2028. 2029. 2030. 2031. 2032. 2033. 2034. 2035. 2036. 2037. 2038. 2039. 2040. 2041. 2042. 2043. 2044. 2045. 2046. 2047. 2048. 2049. 2050. 2051. 2052. 2053. 2054. 2055. 2056. 2057. 2058. 2059. 2060. 2061. 2062. 2063. 2064. 2065. 2066. 2067. 2068. 2069. 2070. 2071. 2072. 2073. 2074. 2075. 2076. 2077. 2078. 2079. 2080. 2081. 2082. 2083. 2084. 2085. 2086. 2087. 2088. 2089. 2090. 2091. 2092. 2093. 2094. 2095. 2096. 2097. 2098. 2099. 2100. 2101. 2102. 2103. 2104. 2105. 2106. 2107. 2108. 2109. 2110. 2111. 2112. 2113. 2114. 2115. 2116. 2117. 2118. 2119. 2120. 2121. 2122. 2123. 2124. 2125. 2126. 2127. 2128. 2129. 2130. 2131. 2132. 2133. 2134. 2135. 2136. 2137. 2138. 2139. 2140. 2141. 2142. 2143. 2144. 2145. 2146. 2147. 2148. 2149. 2150. 2151. 2152. 2153. 2154. 2155. 2156. 2157. 2158. 2159. 2160. 2161. 2162. 2163. 2164. 2165. 2166. 2167. 2168. 2169. 2170. 2171. 2172. 2173. 2174. 2175. 2176. 2177. 2178. 2179. 2180. 2181. 2182. 2183. 2184. 2185. 2186. 2187. 2188. 2189. 2190. 2191. 2192. 2193. 2194. 2195. 2196. 2197. 2198. 2199. 2200. 2201. 2202. 2203. 2204. 2205. 2206. 2207. 2208. 2209. 2210. 2211. 2212. 2213. 2214. 2215. 2216. 2217. 2218. 2219. 2220. 2221. 2222. 2223. 2224. 2225. 2226. 2227. 2228. 2229. 2230. 2231. 2232. 2233. 2234. 2235. 2236. 2237. 2238. 2239. 2240. 2241. 2242. 2243. 2244. 2245. 2246. 2247. 2248. 2249. 2250. 2251. 2252. 2253. 2254. 2255. 2256. 2257. 2258. 2259. 2260. 2261. 2262. 2263. 2264. 2265. 2266. 2267. 2268. 2269. 2270. 2271. 2272. 2273. 2274. 2275. 2276. 2277. 2278. 2279. 2280. 2281. 2282. 2283. 2284. 2285. 2286. 2287. 2288. 2289. 2290. 2291. 2292. 2293. 2294. 2295. 2296. 2297. 2298. 2299. 2300. 2301. 2302. 2303. 2304. 2305. 2306. 2307. 2308. 2309. 2310. 2311. 2312. 2313. 2314. 2315. 2316. 2317. 2318. 2319. 2320. 2321. 2322. 2323. 2324. 2325. 2326. 2327. 2328. 2329. 2330. 2331. 2332. 2333. 2334. 2335. 2336. 2337. 2338. 2339. 2340. 2341. 2342. 2343. 2344. 2345. 2346. 2347. 2348. 2349. 2350. 2351. 2352. 2353. 2354. 2355. 2356. 2357. 2358. 2359. 2360. 2361. 2362. 2363. 2364. 2365. 2366. 2367. 2368. 2369. 2370. 2371. 2372. 2373. 2374. 2375. 2376. 2377. 2378. 2379. 2380. 2381. 2382. 2383. 2384. 2385. 2386. 2387. 2388. 2389. 2390. 2391. 2392. 2393. 2394. 2395. 2396. 2397. 2398. 2399. 2400. 2401. 2402. 2403. 2404. 2405. 2406. 2407. 2408. 2409. 2410. 2411. 2412. 2413. 2414. 2415. 2416. 2417. 2418. 2419. 2420. 2421. 2422. 2423. 2424. 2425. 2426. 2427. 2428. 2429. 2430. 2431. 2432. 2433. 2434. 2435. 2436. 2437. 2438. 2439. 2440. 2441. 2442. 2443. 2444. 2445. 2446. 2447. 2448. 2449. 2450. 2451. 2452. 2453. 2454. 2455. 2456. 2457. 2458. 2459. 2460. 2461. 2462. 2463. 2464. 2465. 2466. 2467. 2468. 2469. 2470. 2471. 2472. 2473. 2474. 2475. 2476. 2477. 2478. 2479. 2480. 2481. 2482. 2483. 2484. 2485. 2486. 2487. 2488. 2489. 2490. 2491. 2492. 2493. 2494. 2495. 2496. 2497. 2498. 2499. 2500. 2501. 2502. 2503. 2504. 2505. 2506. 2507. 2508. 2509. 2510. 2511. 2512. 2513. 2514. 2515. 2516. 2517. 2518. 2519. 2520. 2521. 2522. 2523. 2524. 2525. 2526. 2527. 2528. 2529. 2530. 2531. 2532. 2533. 2534. 2535. 2536. 2537. 2538. 2539. 2540. 2541. 2542. 2543. 2544. 2545. 2546. 2547. 2548. 2549. 2550. 2551. 2552. 2553. 2554. 2555. 2556. 2557. 2558. 2559. 2560. 2561. 2562. 2563. 2564. 2565. 2566. 2567. 2568. 2569. 2570. 2571. 2572. 2573. 2574. 2575. 2576. 2577. 2578. 2579. 2580. 2581. 25

File 10-125310

relating to assets

CF-1-3 - Detroit area  
CF-2-3 - Belgium and

1. Decrease number of criminal convictions (as far as possible)

*Cultures harvested*... (10), and (11) were harvested

200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990

100

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49, 726

#35556

I certify that I received and filed this instrument on this 21<sup>st</sup> day of Jan 19 72 at 4:25 o'clock P.M.  
F. S. Moon  
COUNTY RECORDER

By Lee D. McC  
DEPUTY

BOOK 100 PAGE 10

RECORDED IN BOOK 100 PAGE 10

RECORDED IN BOOK 100 PAGE 10

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| RECORDED IN BOOK 100 PAGE 10 |    | RECORDED IN BOOK 100 PAGE 10 |     | RECORDED IN BOOK 100 PAGE 10 |     |
|------------------------------|----|------------------------------|-----|------------------------------|-----|
| 1                            | 2  | 3                            | 4   | 5                            | 6   |
| 7                            | 8  | 9                            | 10  | 11                           | 12  |
| 13                           | 14 | 15                           | 16  | 17                           | 18  |
| 19                           | 20 | 21                           | 22  | 23                           | 24  |
| 25                           | 26 | 27                           | 28  | 29                           | 30  |
| 31                           | 32 | 33                           | 34  | 35                           | 36  |
| 37                           | 38 | 39                           | 40  | 41                           | 42  |
| 43                           | 44 | 45                           | 46  | 47                           | 48  |
| 49                           | 50 | 51                           | 52  | 53                           | 54  |
| 55                           | 56 | 57                           | 58  | 59                           | 60  |
| 61                           | 62 | 63                           | 64  | 65                           | 66  |
| 67                           | 68 | 69                           | 70  | 71                           | 72  |
| 73                           | 74 | 75                           | 76  | 77                           | 78  |
| 79                           | 80 | 81                           | 82  | 83                           | 84  |
| 85                           | 86 | 87                           | 88  | 89                           | 90  |
| 91                           | 92 | 93                           | 94  | 95                           | 96  |
| 97                           | 98 | 99                           | 100 | 101                          | 102 |

RECORDED IN BOOK 100 PAGE 10



File No. ....

DUPLICATE

T. 7N R. 21WCounty Paria

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 31 1963

Notice of Completion of Groundwater Appropriation  
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

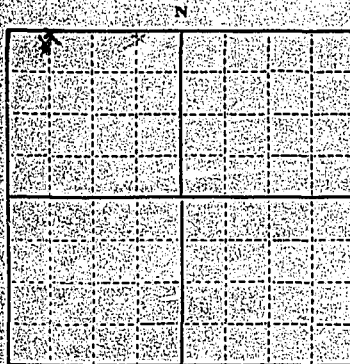
Date of Appropriation of Groundwater About 1900Owner David Linruk Address Victor, Mont.and Gertrude LinrukContractor (if any) Former owner - Pete Graham

Address of Contractor .....

Date Started .....

Date Completed 1962Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. SpringBoxed and piped to residenceAlso used for livestockBefore 1900. Also ~~get~~ othersprings originating on the NW 1/4 Sec 23

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 10 milesAll year.

NW 1/4 NW Sec 24 T. 7N R. 21W  
Indicate point of appropriation  
and place of use, if possible.

Signature of Owner David LinrukDate Dec. 19, 1963Gertrude Linruk

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.



2382

I certify that I received and filed this  
instrument on this 27  
day of Dec 1963 at 2:32  
o'clock P.M.

F. H. Mason  
COUNTY RECORDER

DEPUTY

File No. 2137

T. 7 N. R. 21 W.

DUPLICATE

County Ravalli

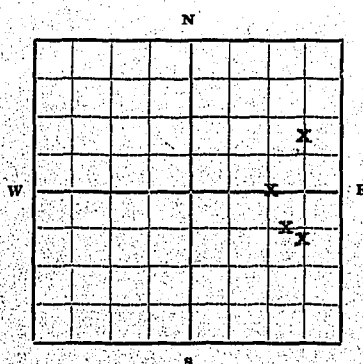
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

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

1. M. D. Schram of Box 32, R.F.D. 1, Victor, Montana  
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 24 T7N. 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 for irrigation and stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 15, 1890, used continuously by appropriator and predecessors in interest

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300 miner's 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 NE 1/4, E 1/2 of SE 1/4, and part of W 1/2 SE 1/4 of NW 1/4 of Section 24, Township 7 North, Range 21 West; M. D. Schram purchaser under contract from Henry Hightower

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal water withdrawn by ditches from springs and sloughs on lands of appropriator; springs located in NE 1/4 of Sec. 24; slough and swamp located in SE 1/4 of Sec. 24

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater natural water sloughs and springs have been used for over 50 years

8. The depth of water table ground level

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater ditches are approximately 3 feet wide on top 1 1/2 feet wide on bottom and are constructed and used for irrigation of lands of appropriator

10. The estimated amount of groundwater withdrawn each year never measured have used all that was necessary

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. D. Schram

Date December 23, 1963

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

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

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

15631

File No. 2137

DUPLICATE

T. 7 N. R. 21 W.

County Havall

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

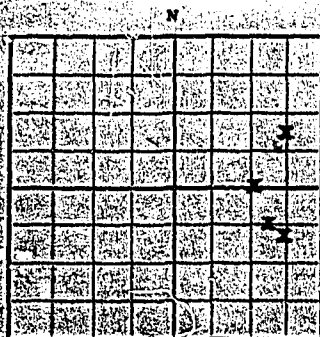
RECEIVED  
DEC 30 1963

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

1. M. D. Schram of Box 32, R.F.D. 1, Victor, Montana  
(Name of Appropriator) (Address) (Town)

County of Havall State of Montana

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



1/4 Sec. 24 T7N. R21 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 for  
irrigation and stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 15, 1890, used  
continuously by appropriator and predecessors  
in interest

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 miner's 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 NE 1/4, E 1/4 of Sec. 24, Township 7 North,  
Range 21 East; M. D. Schram purchased under  
contract from Henry Hightower

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal water withdrawn by ditches from springs and  
sloughs on lands of appropriator; springs located  
in NE 1/4 of Sec. 24; slough and spring located  
in NW 1/4 of Sec. 24

7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater natural water sloughs and springs have been used for  
over thirty years

8. The depth of water table ground level

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater ditches are approximately 3 feet wide  
on top 12 feet wide on bottom and are constructed and used for irrigation  
of lands of appropriator

10. The estimated amount of groundwater withdrawn each year never measured have used all  
that was necessary

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. D. Schram

Date December 23, 1963

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

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

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

15631

I certify that I received and filed this  
instrument on this 23  
day of Dec. 1963 at 4:32  
o'clock P.M.

F. H. Moore  
County Recorder

By [Signature] Deputy

RECORDED  
INDEXED  
FEB 11 1964  
COUNTY CLERK  
DEPT. OF REVENUE  
TOLSON

RECEIVED

File No. ....

SEP 20 1972

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

DUPLICATE

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATIONCounty BLAINE

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARDNotice of Completion of Groundwater  
Appropriation by Means of Well  
DEVELOPED AFTER JANUARY 1, 1962

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

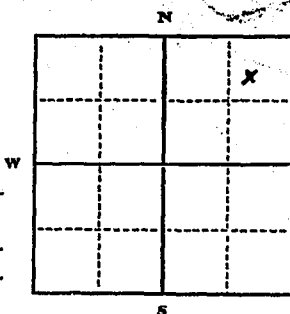
Owner B.W. Stephens Address Victor MontDriller Wm Anderson Address Box 35 1st Victor Mont

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

Date well started Aug 15-71 Date completed Aug 16-71Type of well ..... Equipment used .....  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

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

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS |             |           |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
|                      |                           |             |           | Kind Size    | From (Feet) | To (Feet) |
| 6 in                 | 2 5/8 in wall 6 in        | 0           | 35        | —            | —           | —         |

Doc. No. 5714  
Filed for record  
this 19 day of Sept.  
A. D. 19 72, at 2:00  
o'clock P. M.NE 1/4 Sec. 24 T. 7 R. 21  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.Static Water Level for non-flowing well 10 feet.

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

Pumping Water Level 12 feetat 15 gal. per minute.

Discharge in gal. per min. of flowing well

25 G.P.M.How Tested Jet pumpLength of Test 1 hr

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

(Continue on reverse side)

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

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

Driller's Signature William Anderson

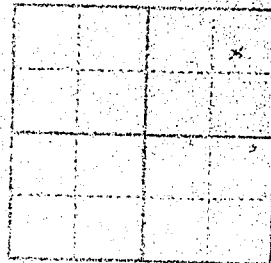
51,422



#5724

I certify that I received and filed this  
instrument on this 19<sup>th</sup>  
day of Sept 19 22 at 2:00  
o'clock P.M.

F. S. Moore  
COUNTY RECORDER  
By Fee 2.00  
DEPUTY





File No. ....

MONTANA WATER RESOURCES BOARD

T. 7N R. 21W

DUPLICATE

RECEIVED

County Ravalli

LOG

DEC 11 1967

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

Approx.

(Elev. above sea level 3500')

## Formations Log:

- 0 - 3 Decomposed granitic sand.  
 3 - 29 Brown decomposed granitic sand and gravel.  
 29 - 41 White granitic sand and gravel.  
 41 - 58 Light tan sand and clay mixed.  
 58 - 65 Fine sand and gravel mixed with stringers of clay.  
 65 - 71 Light gray clay and sand.  
 71 - 92 Sand and fine gravel. Water.  
 92 - 94 Light tan clay.

## Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Philip L. &amp;

Owner Phyllis D. Baden Address Hamilton, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

Date well started 11/14/67 Date completed 11/17/67

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.

Water rises in the well  
44 feet from surface.

| 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 1/4"             | +1          | 80'8"     | 3 9/16" Shop Made Screen | 80'8"       | 84'9"     |
| A 9'3" tailpipe with solid closed bottom extends to 94 feet. |                           |             |           |                          |             |           |

Static Water Level for non-flowing well 44 feet.

Shut-in Pressure for Flowing Well Non-flowing

Pumping Water Level 72 feet at 60 gal. per minute.

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

How Tested Air Lift Pump

Length of Test 2 1/2 hours

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

SW 1/4 NW Sec 25 T. 7N R. 21W  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates less than 25 to (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.

Bottom of hole 94'

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.

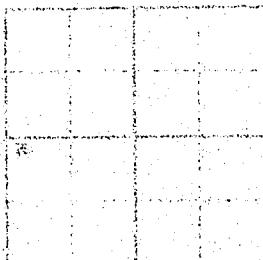
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

52

Driller's License Number

William F. Osborne  
Driller's Signature.

42,645

[illegible]

1. The first step in the process of the investigation is to identify the problem. This is done by gathering information about the situation and the people involved. The next step is to analyze the information and determine the cause of the problem. This is done by looking at the data and trying to find patterns. The third step is to develop a plan to solve the problem. This is done by brainstorming ideas and choosing the best one. The fourth step is to implement the plan. This is done by putting the plan into action. The fifth step is to evaluate the results. This is done by looking at the data and seeing if the problem has been solved. If not, the process starts over.

**50 percent of the tested capacity of the aquifer.**

THE 1994 LITTON POLICE  
ANNUAL REPORT FOR THE POLICE

[illegible][illegible][illegible]

6867 #

I certify that I received and filed this instrument on this 8th day of Dec, 1967, at 9:15 o'clock A.M.

E. L. Moore  
COUNTY RECORDER

Fee \$3.00

DEPARTMENT OF THE ARMY  
OFFICE OF THE CHIEF OF STAFF  
WASHINGTON, D. C. 20315  
OFFICE OF THE CHIEF OF STAFF  
WASHINGTON, D. C. 20315  
OFFICE OF THE CHIEF OF STAFF  
WASHINGTON, D. C. 20315

RECEIVED

3 GW 3 Revised 1969  
191-1500-10/69

MAR 23 1973

County RAVALLI

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION  
MONTANA WATER RESOURCES BOARD

**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL**

Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use

File 5841

MARCH 21, 1973

GW 1 1:18 p.m.

|  |  |          |  |  |
|--|--|----------|--|--|
|  |  |          |  |  |
|  |  | use pond |  |  |
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W  
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S

NE 1/4 NW 1/4 Sec. 25

T. 7 N. R. 21 E. 5

S. 2 W.

INDICATE POINT OF APPROPRIATION  
AND PLACE OF USE, IF POSSIBLE.  
Elevation of spring, if known or esti-  
mated 3458

Owner Richard Bard, Jr.

Address P. O. Box 327, Lolo, Montana 59847

Contractor (if any) Forrest B. Purnes

Address of Contractor Route 1, Box 99, Florence, Montana 59833

Date Started Summer 1972 Date Completed Fall 1972

- Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) 1/3 acre pond dug by dragline flow from pond is about 20 to 30 MI, pond fed by ground water flow, pond is about 6 feet deep, surface is about 2 feet below ground level
- Means of withdrawing water (gravity, pump, canal, etc.) Not yet constructed, but plan to use pump on raft
- Depth of water table 6 to 8 feet
- Use of the water Irrigation
- Amount of groundwater claimed (in miner's inches or gallons per minute) approx. 300 to 400 gpm
- If used for irrigation, give number of acres and description of land 100 pasture and hay land
- Estimate amount of water used each year Not yet in use, but will probably use 400 acre feet
- Months of year spring flows All year

Signature of Owner Richard Bard, Jr.

RICHARD BARD, JR.

Date March 21, 1973

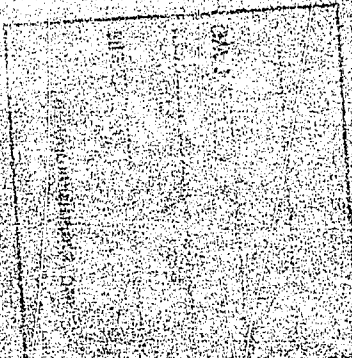
52.715

5841

NOTICE OF COMPLETION OF CONVEYANCE

DEPARTMENT OF REVENUE  
STATE OF MONTANA

UNITED STATES OF AMERICA  
COUNTY OF DEER



(County last received and filed this instrument on this 21st day of March 1973 at 1:18

o'clock P.M.  
Darlene E. Hagler  
COUNTY RECORDER

Fee 2.00

191-1500-10769 RECEIVED

MAR 20 1973

MONTANA DEPARTMENT OF NATURAL RESOURCES  
OFFICE OF COMPLETION

ONTARIO DEPARTMENT OF NATURAL RESOURCES  
**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL**  
JANUARY 1, 1962

Developed After January 1, 1962

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

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

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.  
The original form may be returned.

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

**For Administrator's Use**

File 584C

MARCH 21, 1972

GW. 1 1:17 p.m.

**PUMP NO. 2 20HP PUMP**

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NE 1/4 NE 1/4 Sec. 25

T. 7 N R. 21 SE  
6 W

INDICATE POINT OF APPROPRIATION  
AND PLACE OF USE, IF POSSIBLE.  
Elevation of spring, if known or esti-

mated .....3450.

Owner Richard Bard, Jr.

Address P. O. Box 327, Lolo, Montana 59847

Contractor (if any) Forrest D. Purnea

Contractor (if any) \_\_\_\_\_  
Address of Contractor Route 1, Box 99, Florence, Montana  
59833

Date Started Spring 1972 Date Completed Fall 1972

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) 6 foot diameter CMP perforated in ground 16 feet, surrounded by rock, as sump to accumulate ground water.

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

3. Depth of water table approximate GWL = 4 to 5 feet  
PWL = 13 to 14 feet

4. Use of the water Irrigation

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 600 gpm

6. If used for irrigation, give number of acres and description of land about 200 acres - pasture and hay land

7. Estimate amount of water used each year Not yet in full use, but probably will use 600 to 800 acre feet.
8. Months of year spring flows all year long

Signature of Owner.....RICHARD BARD, JR.

Date March 21, 1973

52,714



5840

NOTICE OF COMMISSIONER OF GOVERNMENT PROSECUTION MINN. 1911

I hereby that I received and filed this  
instrument on this 21st  
day of March 19 73 at 1:17

at P M

Darlene E. Hughes  
COUNTY RECORDER

Fee 2.00



RECEIVED

County RAVALLI

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use

File 5839

MARCH 21, 1973

GW 1 1:16 p.m.

Owner Richard Bard, Jr.

Address P. O. Box 327, Lolo, Montana 59847

Contractor (if any) Forrest D. Purnea

Address of Contractor Route 1, Box 99, Florence, Montana 59833

Date Started Spring 1972 Date Completed Fall 1972

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) 6 foot diameter CMP perforated in ground about 16 feet, surrounded by rock, as sump to accumulate ground water.

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

3. Depth of water table approximately SWL = 4 to 5 feet  
FWL = 13 to 14 feet

4. Use of the water Irrigation

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 500 gpm

6. If used for irrigation, give number of acres and description of land 150 acres - pasture and hay land

7. Estimate amount of water used each year Not yet put to

8. Months of year spring flows

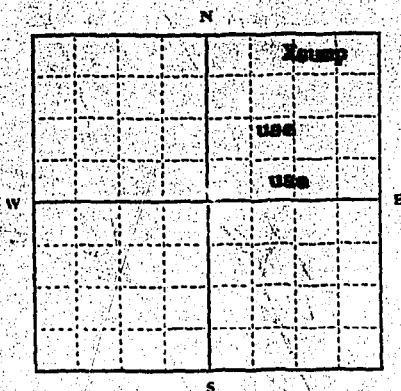
All year long

Signature of Owner

RICHARD BARD, JR.

Date March 21, 1973

SUMP NO. 1 SUMP pump



NE 1/4 NE 1/4 Sec. 25

T. 7 N. R. 21 E. 5  
S. 2 W.

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated 3452

52,713.

5839

GM 1  
Life  
for Winterhagen's men

I am sure that I received and held the

21st  
 Married on the 21st  
 March 1873 at Little  
 P. 1873  
 D. 1873  
 E. 1873  
 H. 1873  
 2.00  
 COUNTY RECORDER  
 21st

Here 2.00

Here 2.00

OFFICE OF COMMISSIONER OF CORRECTIONS

ADDITIONAL NOTES PERSONNEL SHOULD  
ADMINISTRATORS OF GROUNDBATTER CODE

# STATE OF MICHIGAN

Chapman, Wm. W.

1352, as shown in the photograph of the section from 1352.

GW 2

File No. ....

DUPLICATE

STATE WATER CONSERVATION BOARD

T. 7 N R. 21 W

MAY 11 1967

County Ravalli

Date \_\_\_\_\_  
 Butcher \_\_\_\_\_  
 County \_\_\_\_\_  
 District \_\_\_\_\_  
 Section \_\_\_\_\_

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)

&amp; Flora Grace

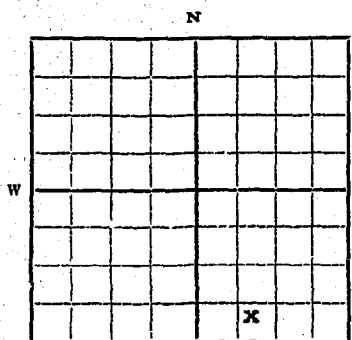
Owner THOMPSON, Lester I. Address Rt. 1, Victor, MontanaDriller Kenneth Gardner Address Corvallis, MontanaDate of Notice of Appropriation of Groundwater May, 1967Date well started March 28, 1967 Date Completed March 28, 1967

Type of well dug Equipment Used drag line  
 (dug, driven, bored or (Churn, drill, rotary or  
 drilled) 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) |
| 60 ft. trench        | 2 ft. concrete pipe casing | 16 ft.      | 16 ft.    | 8-6" holes in casing       | 10ft        | 16ft.     |
|                      |                            |             |           | pipe-number of small holes |             |           |



SE 1/4 Sec. 25 T. 7 N R. 21 W

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 11 feet.Shut-in Pressure for Flowing Well nonePumping Water Level 11 feet at 300 gal. per minute.Discharge in gal. per min. of flowing well noneHow Tested not 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) this is a 16 ft.

concrete casing well attached to a 60 ft. perforated pipe placed in a 16 ft. deep trench.

about 80 acres

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 School of Mines and Quadruplicate to the Appropriator.

41,983 42,003 41,583

2012

王 强

for sportsmen

I certify that I received and filed this instrument on this 2<sup>nd</sup> day of May, 1962, at 10:27 o'clock A.M.

*D. S. Moore*  
COUNTY RECORDER

By Free 2.00

10-10-68

RECEIVED

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Specific Method: Tissue for non-fluorescing Aggl. 11

T. 7N R. 21W

County Ravalli

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 4 1962

WATER WELL LOG

STATE ENGINEER

|  |  |  |   |
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Owner Lester I. & Flora Grace Thompson Address Rt. 1, Victor, Montana

Driller William Anderson Address Rt. 1, Hamilton, Mont

Date Started July 10, 1961 Date Completed July 12, 1961

Location: Sec. 25 T. 7 N R. 21 W  $\frac{1}{4}$  sec. SENE

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

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒

Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: 0 ft. to 39 ft. Type steel Size 4"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. none to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations none

Static Water level, for non-flowing well: 24 ft. (within 15 ft. of surface) feet.

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

Pumping water level: 24 feet at 13.33 gal. per min.

How tested: Baler

Length of test 1 hour

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

Gravel packing. No shut-off except on pump.

(over)

## Log of Well

[illegible]



T. 7 N R. 21 W

County Ravalli

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 4 1962

WATER WELL LOG

STATE ENGINEER

|  |  |  |   |
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Owner Lester I. & Ebra Grace Thompson Rt. 1, Victor, Mont.  
Address

Driller Norman Ray Address Deceased

Date Started March 25, 1953 Date Completed April 1, 1953

Location: Sec. 25 T. 7N R. 21W 1/4 sec. SESE

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

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 43-1/2 ft. Type steel Size 4"

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: 34-1/2 ft. (within 9 ft. of surface) feet.

Shut-in pressure, for flowing well: no lb./sq. in. on: (date)

Pumping water level: 34-1/2 feet at 50 gal. per min.

How tested: compressor

Length of test: 3 or 4 hours

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

Gravel packing. No shut-off except on pump.

Well was drilled when these premises were owned by A. O. Cumley and Louise Cumley, presently of Hamilton, Mnt.

(over)

[illegible]

Signed by

County ~~Raval~~ **RECEIVED**  
OLOGY JAN 4 1962

STATE ENGINEER

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Location: Sec. 25 T7N R2W 1/4 sec. NESE

Packed with large rock. No shut-off except on pump.

(over)

| Depth, feet |        |                                 |
|-------------|--------|---------------------------------|
| From        | To     | Description of Material Drilled |
| 0 ft.       | 1-1/2' | top soil                        |
| 1-1/2'      | 16'    | gravel                          |
|             |        |                                 |
|             |        |                                 |
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|             |        | Signed by <i>[Signature]</i>    |
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Signed by

T. 7 N. R. 21 W.

County Ravalli

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 4 1952

WATER WELL LOG

STATE ENGINEER

|  |  |   |
|--|--|---|
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|  |  |   |
|  |  | x |

Owner Lester I. & Flora Grace Thompson Address Rt. 1, Victor, Mont

Driller Norman Ray Address Deceased

Date Started Sept. 8, 1955 Date Completed Sept. 9, 1955

Location: Sec. 25 T. 7 N. R. 21 W. 1/4 sec. SESE

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

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 42 ft. Type steel Size 4"

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: 33 ft. (within 9 ft. of surface) feet.

Shut-in pressure, for flowing well: no lb./sq. in. on: (date)

Pumping water level: 33 feet at 60 gal. per min.

How tested: compressor

Length of test: 3 or 4 hours

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

Gravel packing. No shut-off except on pump.

Well was drilled when these premises were owned by A. O. Cumley and Louise Cumley, presently of Hamilton, Montana.

(over)

[illegible]

Signed by



County... Ravalli.....

RECEIVED  
BIOLOGY  
JAN 4 1962

## STATE ENGINEER

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Driller: Norman Ray Address: Deceased

Date Started February 18, 1957 Date Completed March 15, 1957

Location: Sec. 25 T. 7 R. 21 W. 1/4 sec. SWSE

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

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

Casing: 0 ft. to 96 ft. Type: steel Size: 10"

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: 86 ft. (within 10 ft. of surface) feet.

Shut-in pressure, for flowing well:.....none.....lb./sq. in. on:.....  
(date)

Pumping water level.....86.....feet at .....gal. per min.....

How tested: untested

Length of test.....

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

.....No shut-off.....

Well was drilled when these premises were owned by A. C. Cumley and Louise Cumley, presently of Hamilton, Montana.

(over)

[illegible]

Signed by

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

RECEIVED

County Bozeman

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 Gary Winslow  
Address Deer Lodge  
Mont

| For Administrator's Use |                      |
|-------------------------|----------------------|
| File                    | <u>5853</u>          |
| Date                    | <u>April 2, 1972</u> |
| GW                      | <u>1 9:56 A.M.</u>   |

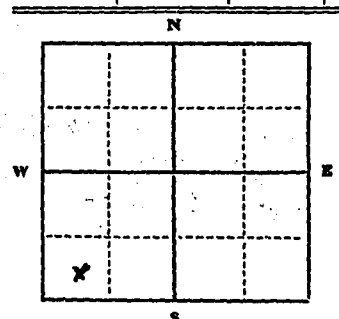
Date well started May 15-72  
completed May 19-72

Type of well drilled  
(Dug, driven, bored or drilled)  
Equipment used chain drill  
(Chain drill, rotary or other)  
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

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

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS |             |            |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|------------|
|                      |                           |             |           | Kind Size    | From (Feet) | To (Feet)  |
| <u>6 in</u>          | <u>350 well 6 in</u>      | <u>0</u>    | <u>68</u> | <u>---</u>   | <u>---</u>  | <u>---</u> |



Static water level 75 ft.\*  
Pumping water level 50 ft.\*  
at 15 gallons per minute,  
measured 60 minutes after pumping began.  
\*Measured from ground level.  
Well developed by sub pump  
for 1 hours.  
Power elec Pump 1/2 HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

SW 1/4 Sec. 25  
T. 7 N R. 21 W

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

Driller's Signature William Anderson  
Driller's Address Rt 1 Box 354  
Victor Mont LICENSE NO. 33

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

| Top of Ground (Elev. above sea level) |           |                        |
|---------------------------------------|-----------|------------------------|
| From (Feet)                           | To (Feet) |                        |
| <u>0</u>                              | <u>16</u> | <u>gravel and clay</u> |
| <u>10</u>                             | <u>68</u> | <u>clay</u>            |
| <u>68</u>                             | <u>70</u> | <u>gravel</u>          |
| <u>70</u>                             | <u>75</u> | <u>clay</u>            |

70 Show exact depth of bottom

58,802.

585.3

NOTICE OF COMPLETION OF RECONSTRUCTION  
WORKMANSHIP BY MEANS OF AMT  
RECONSTRUCTION OF RECONSTRUCTION  
WORKMANSHIP BY MEANS OF AMT  
RECONSTRUCTION OF RECONSTRUCTION  
WORKMANSHIP BY MEANS OF AMT

I certify that I received and filed this  
instrument on this 2nd  
day of April 1973 at 9:56  
o'clock A. M.

D. E. Hughes  
COUNTY RECORDER  
by Lee L. O.  
DEPUTY

File No. \_\_\_\_\_

T 7 N R 21 W 25

DUPLICATE

County \_\_\_\_\_

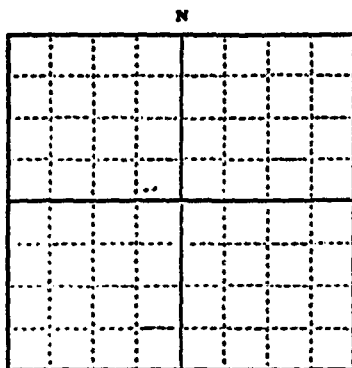
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
MAY 13 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. John E. Notti, of Rte 1 Box 33 Victor  
(Name of Appropriator) (Address) (Town)  
County of Ravalli State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.E. 1/4, N.E. Sec. 25, T. 7, 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 Home Garden and Sprinkler
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Not Known By Present Owner
4. The amount of groundwater claimed (in miner's inches or gallons per minute) about 25 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 Black Loan 10 Acres John E. Notti
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal etc. Pump Back of house
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not Known
8. The depth of water table about 8 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 Wells one 35 feet and one 55 feet
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 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 John E. NottiDate April 20, 1964

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.

38082

# 4454

I certify that I received and filed this  
instrument on this 11th  
day of May 1964 at 2:55  
o'clock P.M.

F. S. Moore  
County Recorder

By \_\_\_\_\_ Deputy



File No. \_\_\_\_\_

DUPLICATE

T. \_\_\_\_\_ R. \_\_\_\_\_

County Beavalli

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 Wayne Bass Address LeDuc Trailer Ct.  
C.F. Wroble Hamilton, Montana  
Driller Beavalli Drilling Co. Address Box 27  
Victor, Montana

Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started April 2, 1968 Date completed April 2, 1968

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.

Top of Ground

(Elev. above sea level \_\_\_\_\_)

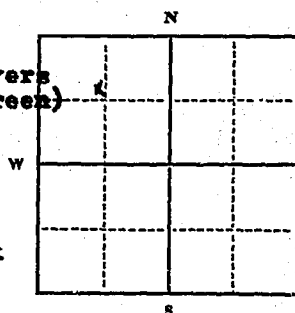
1 ft. Topsoil

7 ft. Sand, Gravel

16 ft. Clay, (brown in color)

45 ft. Intermittent layers  
clay (gray to green)56 ft. Sedimentary rock  
Soft, Water bearing

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS |             |           |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
|                      |                           |             |           | Kind Size    | From (Feet) | To (Feet) |
| 6"                   | 15 lbs. per ft.           |             |           | 3/16x5       | 45          | 53        |



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

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 47 feet  
at 15 gal. per minute.

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

How Tested Baled

Length of Test 1 hr. 45 mins.

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

N. 1/4 Sec. 35, T. 7, R. 21  
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 or other. Explain, state number of acres and location or of 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.

62  
Driller's License Number

C.F. Wroble  
Driller's Signature.

44059

#5026  
776050

I certify that I received and filed this  
instrument on this 15<sup>th</sup>  
day of April, 1968, at 2:25  
o'clock P.M.

J. S. Moore  
COUNTY RECORDER

By J. S. Moore  
DEPUTY

RECORDED WITH PAYMENT OF  
FEE OF \$1.00  
IN THE OFFICE OF THE  
CLERK OF THE DISTRICT COURT  
AT OKLAHOMA CITY, OKLAHOMA  
THIS 15TH DAY OF APRIL, 1968  
AT 2:25 P.M.

C

File No. ....

MONTANA WATER RESOURCES BOARD

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

DUPLICATE

**RECEIVED**

LOG

JUN 19 1968

County Ravalli

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

STATE WATER CONSERVATION BOARD

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, as amended)

Owner L.V. Shreve Address Hamilton, Mont.C.F. WrobleBox 27Driller Ravalli Drilling Co. Address Victor, Mont.

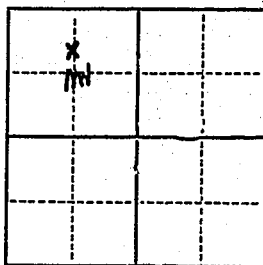
Date of Notice of appropriation of groundwater .....

Date well started May 27, 1968 Date completed May 29, 1968Type 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"                   | 16 lbs. per ft.           |             |           | 5/32x6       | 94          | 112       |

102 ft. Intermittent layers—Sand, Gravel, Clay mix



112 ft. Sand, Gravel Water bearing

Static Water Level for non-flowing well 24 feet.

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

Pumping Water Level 70 feet  
at 30 gal. per minute.

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

How Tested Saled and PumpedLength of Test 14 hrs.

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

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

Sec. 25 T. 7 R. 21

(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.

62  
Driller's License Number

C. F. Wroble  
Driller's Signature.

44212

# 2025

Code of Geography

I certify I have received and filed this  
instrument on this 7th  
day of June 1968 at 10:53  
o'clock A.M.

*J. E. Moore*  
COUNTY RECORDER

Feb 2.08

**CEPOTY**

RECEIVED UNITED STATES DEPT OF AGRICULTURE  
WASHINGTON JAN 1 1901  
BUREAU OF ENTOMOLOGY  
RECEIVED

1990

[illegible][illegible]

1990

3

THE

100

THE UNIVERSITY OF CHICAGO

100

LIBRARY

**THE COURT**

100

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

100

100

10-10-68

10

2145471 2 30X21 1 1000

THE

RECEIVED

County Ravalli

JUL 12 1972

DRILLER'S LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

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.

Bill Barnes

Owner Cal McCumber

Address Shoeman Creek

Hamilton, Montana

Date well started 5/22/72

completed 5/25/72

For Administrator's Use

File #5660

July 11, 1972 11:10 AM

GW 1

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

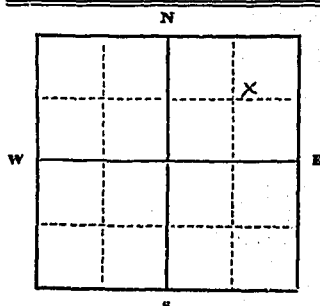
Industrial ☐ Drainage ☐ Other ☐ \* Garden/Lawn ☐

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 10 gallons per minute

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS |             |           |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
|                      |                           |             |           | Kind Size    | From (Feet) | To (Feet) |
| 6 inch               | 17 lbs. per ft.           | 0           | 137       | 3/16x5       | 137         | 137       |



Static water level 120 ft.\*  
Pumping water level 133 ft.\*  
at 10 gallons per minute,  
measured 60 minutes after pumping began.

\*Measured from ground level.

Well developed by balled

for 2 hours.

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

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

In NE 1/4 NE 1/4 Sec. 26  
T 7 N R 21 W

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

Driller's Signature Charles Westble Jr.

Driller's Address Box 27 Vintor, Montana 59875

LICENSE NO. 200

| Top of Ground (Elev. above sea level) |           |  |
|---------------------------------------|-----------|--|
| From (Feet)                           | To (Feet) |  |
| 0                                     | 1         | Topsoil                                  |
| 1                                     | 65        | Sand and gravel                          |
| 65                                    | 129       | Intermittent layers of sand              |
|                                       |           | gravel and clay mixed                    |
| 129                                   | 137       | Sand, gravel light brown, water bearing. |

137 ft. Show exact depth of bottom

50,888

#5660

I certify that I received and filed this  
instrument on this 11<sup>th</sup>  
day of July, 1972, at 11:10  
o'clock A.M.

F. S. Moore  
COUNTY RECORDER

By F. S. Moore  
DEPUTY

100-100-100

100-100-100

100-100-100

100-100-100

100-100-100

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100-100-100

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100-100-100



File No. ....

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

DUPLICATE

MONTANA WATER RESOURCES BOARD

Ravalli County

**RECEIVED**STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

JUL 24 1968

(Elev. above sea level .....

6 ins. - Topsoil

**Notice of Completion of Groundwater  
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

16 ft. - Decomposed granite sands

Owner Bill Barter

Address .....

C. F. Wroble

Driller Ravalli Drilling Co. Address Victor, Montana79 ft. - Sedimentary rock  
and decomposed  
granite sands

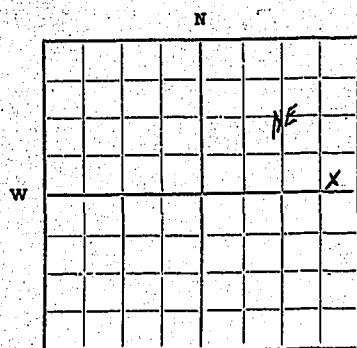
Date of Notice of Appropriation of Groundwater .....

Date well started July 8, 1968 Date Completed July 11, 196899 ft. - Sand and pea  
gravel. Water  
BearingType of well Drilled Equipment Used Churn(dug, driven, bored or  
drilled)(Churn, drill, rotary or  
other)120 ft. - Decomposed granite  
sands. Tight PressedWater 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"                   | 15 lb. per ft.            | 0           | 103       | 3/16x5       | 83          | 103       |



E 35° 45' NE 1/4 Sec. 26 T. 7 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 ..... 73 ..... feet.

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

Pumping Water Level ..... 92 ..... feet at ..... 25 ..... gal. per minute.

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

How Tested Baled 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) .....

62  
Driller's License Number

C. F. Wroble  
Driller's Signature

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

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

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

44,442

1) 22.1.2025

I certify that I received and filed this instrument on this 22nd day of Feb 1968 at 10:25 o'clock A.M.

*[Handwritten signature]*  
COUNTY RECORDER

By W. J. [illegible] Deputy

21-9

U.S. DEPARTMENT OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION  
WASHINGTON, D. C. 20535

RECEIVED  
JAN 11 1964  
U.S. DEPT. OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION  
WASHINGTON, D.C. 20535

CONFIDENTIAL

RECEIVED  
JAN 10 1964  
U.S. DEPT. OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION  
WASHINGTON, D.C. 20535

CONFIDENTIAL

1. The first group of respondents (n = 10) was asked to identify the most important factors influencing their decision to use a particular technology. The factors identified were: ease of use, cost, reliability, security, and compatibility. The second group (n = 10) was asked to identify the most important factors influencing their decision to use a particular technology. The factors identified were: ease of use, cost, reliability, security, and compatibility. The third group (n = 10) was asked to identify the most important factors influencing their decision to use a particular technology. The factors identified were: ease of use, cost, reliability, security, and compatibility.

**CONCLUSIONS**

[illegible]

1. The following is a list of the names of the persons who have been appointed to the various positions in the Department of the Interior, for the year 1900:

| Position            | Name          |
|---------------------|---------------|
| Secretary           | John D. Smith |
| Assistant Secretary | John D. Smith |
| Chief Clerk         | John D. Smith |
| Comptroller         | John D. Smith |
| Inspector           | John D. Smith |
| Surveyor            | John D. Smith |
| Geologist           | John D. Smith |
| Mineralogist        | John D. Smith |
| Palaeontologist     | John D. Smith |
| Historian           | John D. Smith |
| Archaeologist       | John D. Smith |
| Anthropologist      | John D. Smith |
| Botanist            | John D. Smith |
| Zoologist           | John D. Smith |
| Physiologist        | John D. Smith |
| Medicine            | John D. Smith |
| Surgery             | John D. Smith |
| Dentistry           | John D. Smith |
| Pharmacy            | John D. Smith |
| Chemistry           | John D. Smith |
| Physics             | John D. Smith |
| Astronomy           | John D. Smith |
| Mathematics         | John D. Smith |
| Logic               | John D. Smith |
| Metaphysics         | John D. Smith |
| Philosophy          | John D. Smith |
| Religion            | John D. Smith |
| Law                 | John D. Smith |
| Medicine            | John D. Smith |
| Surgery             | John D. Smith |
| Dentistry           | John D. Smith |
| Pharmacy            | John D. Smith |
| Chemistry           | John D. Smith |
| Physics             | John D. Smith |
| Astronomy           | John D. Smith |
| Mathematics         | John D. Smith |
| Logic               | John D. Smith |
| Metaphysics         | John D. Smith |
| Philosophy          | John D. Smith |
| Religion            | John D. Smith |
| Law                 | John D. Smith |