

No. 195536
OFFICE OF
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument
was filed for record in this office, on the
30 day of December

A. D. 1963 at 12:45 P.M.

Leona Kinsgling
County Clerk and Recorder

Deputy
Lee K 200

File No. _____

T. 29⁷ R. 5W

DUPLICATE

County Pondera

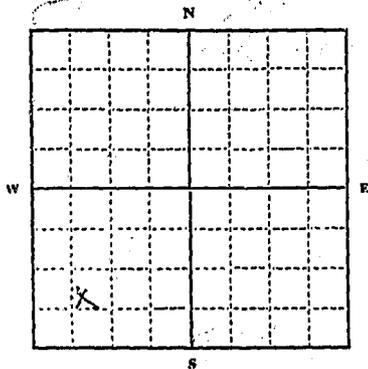
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 31 1963

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

1. Paul Chatlain, of Valley Montana
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 17 T. 29 R. 5W

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

2. The beneficial use on which the claim is based House use and Stock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been March 1914 Continuous since that time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1.5 gals per Minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lawn and garden 100ft x 100ft

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

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

8. The depth of water table 25 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 55 ft with chrome line 6 in casing 1 1/2 in

10. The estimated amount of groundwater withdrawn each year 350,000 gal

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

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

Signature of Owner Paul Chatlain
Date Dec 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.

[Faint, mostly illegible text from the reverse side of the document, including what appears to be a signature and some printed text.]

[Handwritten mark, possibly the number '3' or a similar symbol.]

OFFICE OF *No. 195538*
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument
was filed for record in this office, on the
30 day of December
A. D. 1962 at 12:55 P. M.
Louise Kingbury
County Clerk and Recorder

Deputy

Fee \$2.00

GW

File No. STATE ENGINEER'S RESOURCES BOARD

DUPLICATE

T. 29N R. 5W

County Pondera

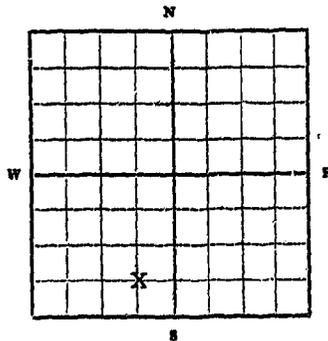
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Filed on 31 December,
1963 at 3:25 P.M. as
Document No. 195644
Pondera County Records

1. POWERSBROS., of Valier
(Name of Appropriator) (Address) (Town)

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



SW 1/4 SW 1/4 Sec. 20 T. 29N R. 5W

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 watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since 1917 with additional facilities installed in 1930

4. The amount of groundwater claimed (in miner's inches or gallons per minute) First installation @ 8 gallons/minute second @ 10 gallons/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 N/A

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal First inst. windmill and well; second, jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater First installation - 1917; Second - 1930

8. The depth of water table First @ app. 120 ft. Second @ app. 18 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 First installation is an 8" hole drilled to 120 ft. depth; Second installation is an 8 ft. hole dug to about 18 ft.

10. The estimated amount of groundwater withdrawn each year From First Instl. 100,000 gals; From Second Instl. 80,000 gals.

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

POWERSBROS.

Signature of Owner By: [Signature]

Date 2 November 1967

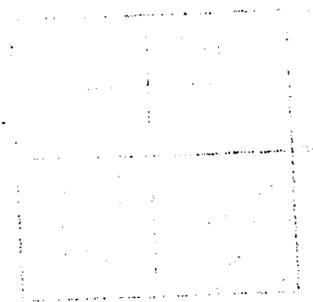
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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.

42, 462

1967-01-10
1967-01-10
1967-01-10



1967-01-10
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1967-01-10

OFFICE OF
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument
was filed for record in this office, on the
2nd day of Feb.
A. D. 1967 at 4:20 P.M.

James K. Kasper
County Clerk and Recorder
John M. Gardner
Deputy

File No. _____
DUPLICATE WATER RESOURCES BOARD
MONTANA RECEIVED
NOV 24 1967

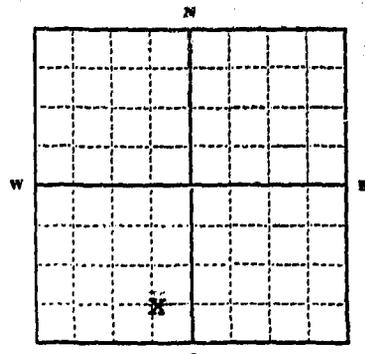
T. _____ R. _____
County Pondera

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

- I, Power Bros., of Valier
(Name of Appropriator) (Address) (Town)
County of Pondera, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
- The beneficial use to which water is to be applied is stock watering
(describe lands to be benefited, if for irrigation)
- The rate of use in gallons per minute or miner's inches of groundwater claimed 18 gallons per minute
- The annual period (inclusive dates) of intended use year round on a need basis
additional use on and after 1930
- The probable or intended date of first beneficial use 1917, first date of use with /
- The probable or intended date of commencement and completion of the well* or wells* initial works completed in 1917; additional works completed in 1930
- The location, type, size and depth of well or wells contemplated first works consist of an 8 inch well drilled to a depth of 120 feet and operated by a windmill; second installation an 8 ft. hole dug about 18 ft. deep and operated by a jet pump
- The probable or estimated depth of the water table or artesian aquifer highly variable
- Name, address and license number of the driller engaged not known

10. Give such other similar information as may be useful in carrying out the policy of this act none known



SW 1/4 Sec. 20 T. 29N R. 5W.
Locate well or other means of development as accurately as possible on the plat.
POWER BROS.

Signature of Appropriator By Jay Power
Date November 17, 1967

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

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

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

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

42, 562

206608

OFFICE OF
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument
was filed for record in this office, on the

22 day of Nov

A. D. 1967 at 9:20 A.M.

James H. King
County Clerk and Recorder

Deputy

File No. _____
DUPLICATE

T. 29 N. R. 5 W. M.P.N.
County. Forsyth

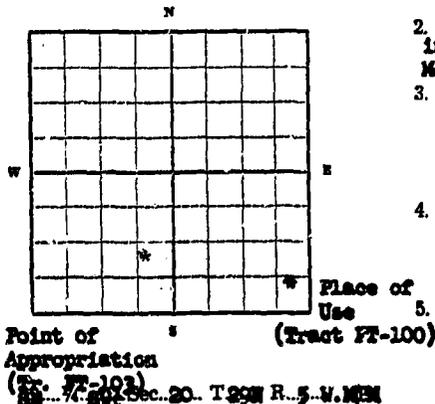
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
STATE WATER CONSERVATION BOARD
JUN 14 1967

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1965)

Billie _____ McDermott _____
McNulty _____
Morton _____
Darrington _____ Sullivan _____

1. UNITED STATES OF AMERICA, by and through Department of the Army
Seattle District, Corps of Engineers of 1519 Alaskan Way South, Seattle, Washington
(Name of Appropriator) (Address) (Town) 98134
County of King State of Washington
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres. Place of use - Sec 20 T 29 N., R 5 W. MPM.

2. The beneficial use on which the claim is based Domestic use in connection with Malstrom Air Force Facilities, Montana, MOB II, Site T-0

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1 July 1966 - Continuously to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 G.P.M.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Reversible electric pump - 1/2 Horse power Grund Jet Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced 13 August 1965, completed 26 August 1965

8. The depth of water table 10.7 feet below ground surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well, 9 inch hole drilled to depth of 21 feet with 8-5/8 inch O.D. conductor casing set & cemented to ground; perforated casing from 38 ft. to 42 ft. and from 94 to 124 feet, with 5 1/2 inch O.D. pipe with 1/8 x 6 inch slots. O.D. Pipe cemented to well casing and to ground. Total depth - 125 feet.

10. The estimated amount of groundwater withdrawn each year 912,500 gallons

11. The log of formations encountered in the drilling of each well if available See Drilling Log in attached portion of Pumping Test Report of Powers Brothers Water Well to Berys 20th Squadron Site T-0, Malstrom Air Force Base, Montana, dated 17 September 1965.

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

UNITED STATES OF AMERICA, by and through Department of the Army, Seattle District, Corps of Engineers

By Signature of Owner M.M. Christensen
M.M. CHRISTENSEN, Chief, Acquisition Branch, Real Estate Division
Date 7 JUN 1967

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.

42,062

Faint, illegible text from the reverse side of the document, appearing as bleed-through.

70-205474

OFFICE OF
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument
was filed for record in this office, on the

9 day of June
A. D. 1967 at 11:30 A.M.

James K. King
County Clerk and Recorder

Dea. M. Swander
Deputy

10

PUMPING TEST REPORT
OF
POWERS BROTHERS WATER WELL
TO SERVE
20TH SQUADRON SITE T-0
MALMSTROM AIR FORCE BASE, MONTANA

Prepared for

BALLISTIC SYSTEMS DIVISION
AIR FORCE SYSTEMS COMMAND
NORTON AIR FORCE BASE, CALIFORNIA

CONTRACT NO. AF 04(694)-664
WORK ORDER NO. 3665-17

Dated

SEPTEMBER 17, 1965

Prepared by

THE RALPH M. PARSONS COMPANY
LOS ANGELES, CALIFORNIA

I. INTRODUCTION

During the concept development of the water supply and distribution system for the Launch Control Facilities, Collocated 20th Squadron Malmstrom Air Force Base, Montana, it was determined that a new well could be constructed approximately one-half mile west of Site T-0 (2145) which should provide an adequate and inexpensive supply of water for Site T-0. Under the direction of Mr. James Barry, BSSQ, The Ralph M. Parsons Company prepared the necessary documents, obtained quotes, and supervised construction and test pumping of the water well. Subcontract No. S-SC-3665-17 was awarded to Mr. George Jensen, P.O. Box 1993, Cut Bank, Montana, a licensed water well contractor in the State of Montana for the drilling and development of the well. The well, which will be referred to herein as the "Powers Brothers Well", was constructed during the period of August 13-28, 1965.

II. SITE DESCRIPTION

The water well is located about one mile south of the south shore of Lake Francis near Valier, Montana, and about one-half mile west of Site T-0. More specifically, it is about 150 feet east of an abandoned well known locally as the "Younger Powers Well". The elevation of the ground surface in the vicinity of the well is about 100 feet higher than the maximum water surface elevation of Lake Francis and is about 100 feet lower than the general terrain at Site T-0.

III. WELL DEVELOPMENT

The well was drilled to a total depth of 125 feet with a Model '22 Speed Star percussion rig. The well log is indicated as a part of this report.

From the ground surface, a 9-inch hole was drilled to a depth of 21 feet and a 8-5/8-inch O.D. conductor casing was set and cemented to the ground. From this depth, the well was advanced to a total depth of 125 feet using a 7-1/2-inch bit. Waterbearing sandstone was encountered between 38 to 42 feet and below 94 feet. Ball tests were made upon completion of drilling. These tests provided an indication that the well would provide a sufficient yield. Well construction is shown in Figure 1.

98-118
118-125

Gray shale - Some sandstone lenses
Shale - Sandstone lenses, hard

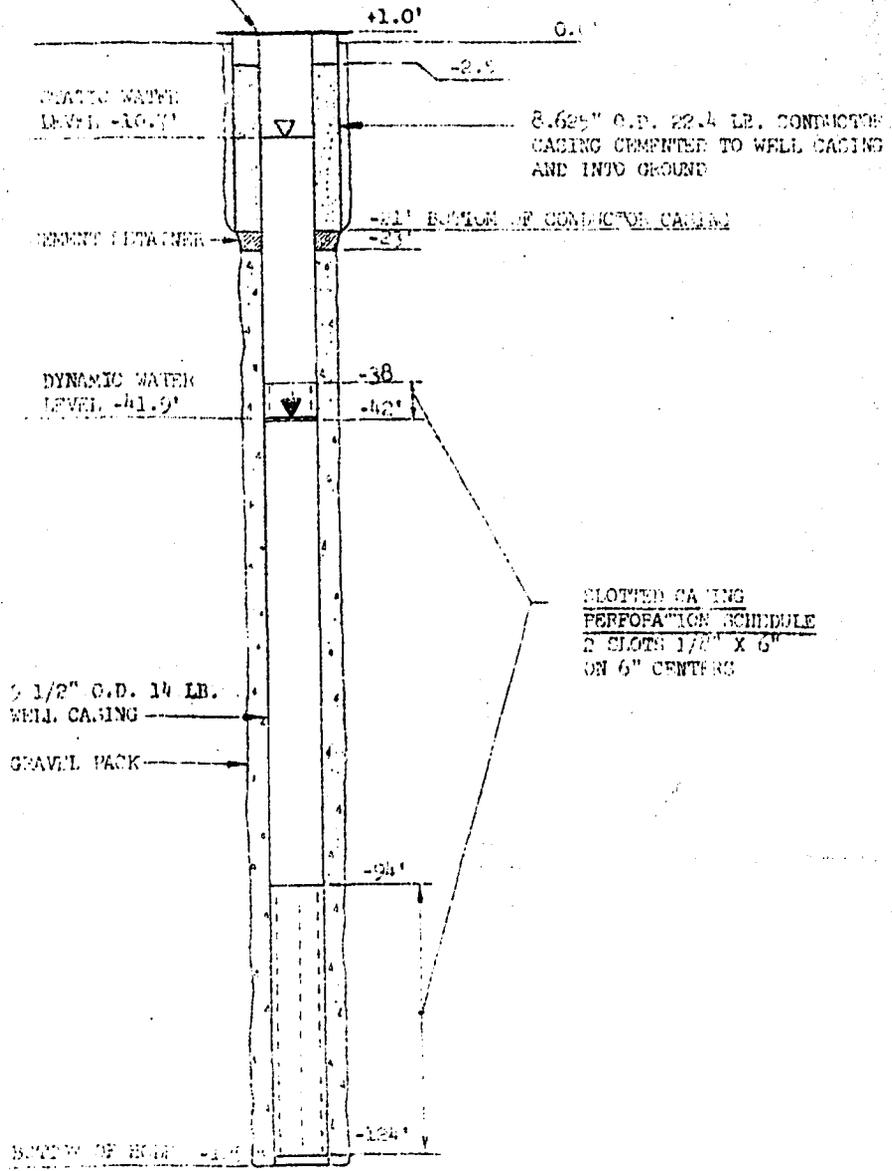
TABLE I
POWERS BROTHERS WELL - SITE T-0
PUMPING TEST - DRAWDOWN
(Continued)

<u>Time-Minutes</u>	<u>Drawdown - Ft.</u>	<u>Quantity - GPM</u>
681	79.8	5
686	76.4	5
696	64.7	5
746	42.7	5
806	31.2	5
866	31.2	5
926	31.2	5
986	31.2	5
1046	31.2	5
1106	31.2	5
1166	31.2	5

DRILLING LOG
POWERS BROTHERS WELL
SITE T-0 (2145)

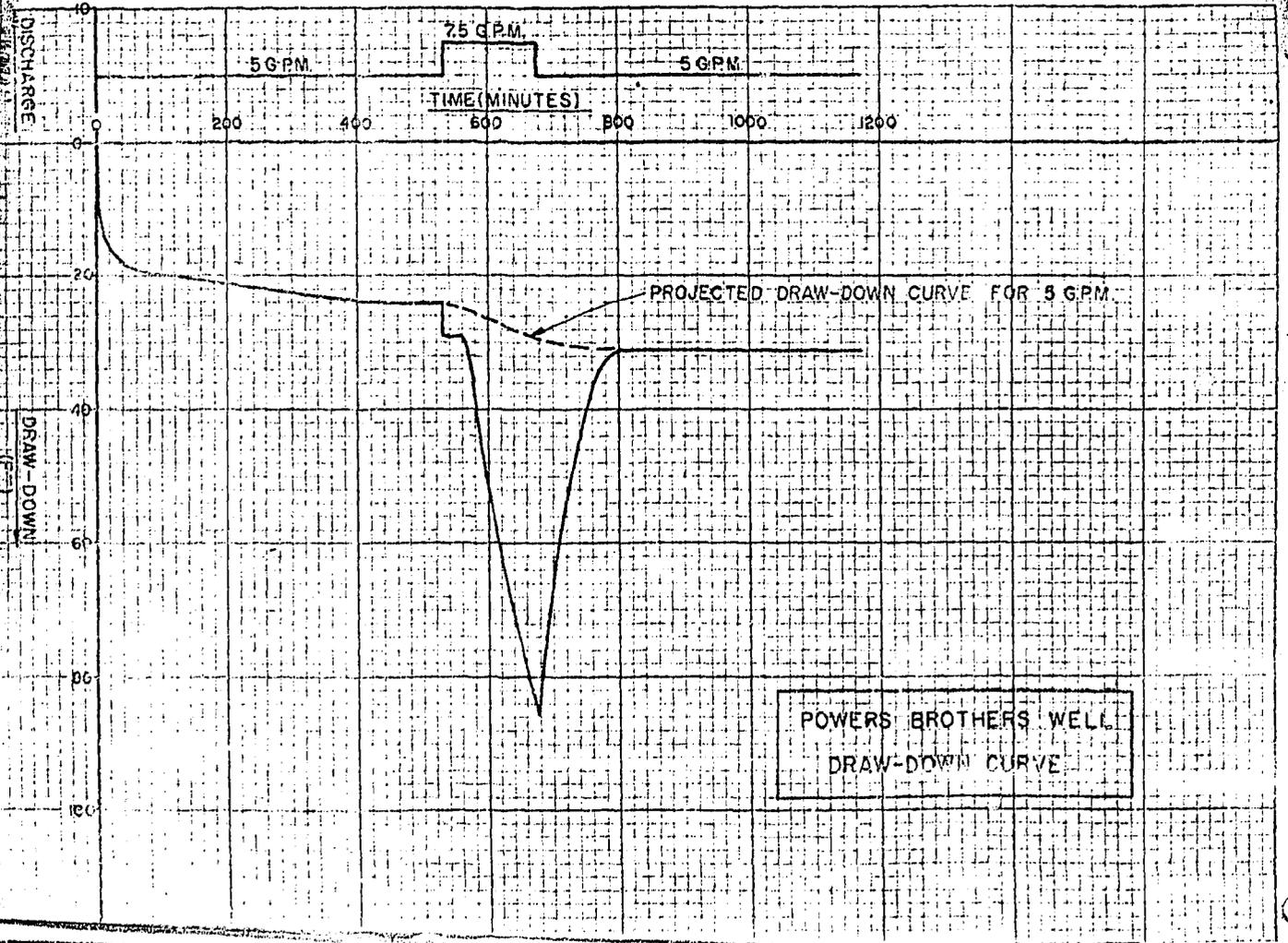
<u>Depth</u>	<u>Classification of Materials</u>
0-13	Sandy, Gravel - Some water
13-21	Yellow clay - Drilled moderately fast
21-30	Yellow clay
30-38	Gray clay - Drilled fast
38-41	Sandstone - Some water - Drilled moderately fast
41-50	Gray shale - Drilled moderately fast
50-76	Green shale - Slow drilling
76-94	Green shale - Very slow drilling
94-98	Sandstone, hard - Some water
98-118	Gray shale - Some sandstone lenses
118-125	Shale - Sandstone lenses, hard

STEEL PLATE
WELDED TO CASING

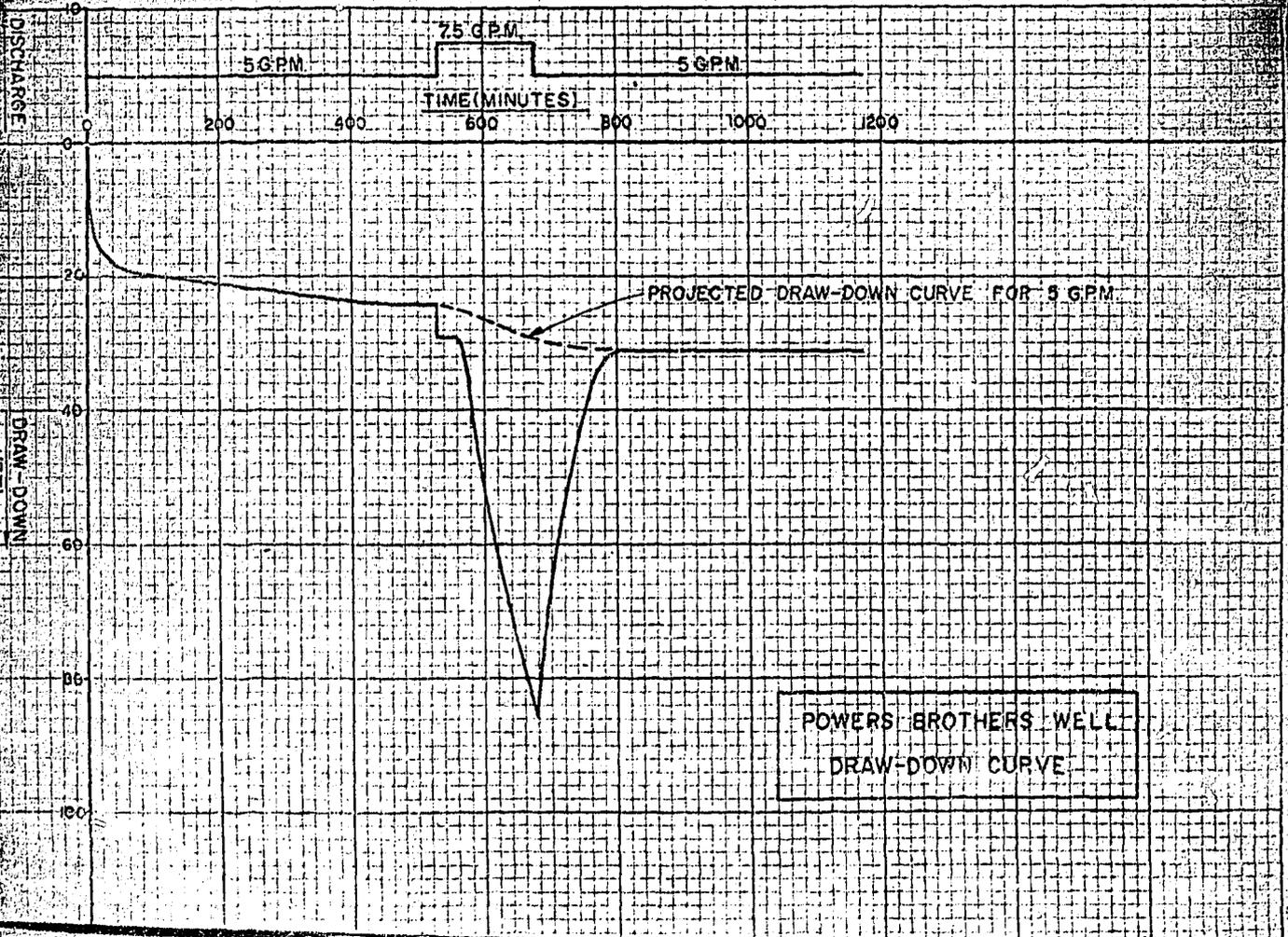


POWER & LIGHTING
CITY OF CHICAGO
MAY 1954

K-M 100 TO THE INCH 48 0703
KEMP & ESSER CO.



K-E 10 X 10 TO 1 1/2 INCH 40 0703
WELFEL & ESSER CO.



File No. _____

T 29th R 5th SW 23
 County Pondera

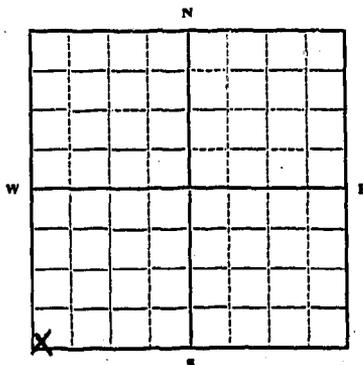
DUPLICATE

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert T. Norsby, of Valia,
 (Name of Appropriator) (Address) (Town)
 County of Pondera State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 23 T29 R5

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 Personal Garden, Trees, or Stock.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1,000 gpm

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Submersible Pump - 1 HP.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
Submersible PWT IN 1960.

8. The depth of water table 100'

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.
7" STEEL CASING -
100' deep
Meyer's 1 HP Pump

10. The estimated amount of groundwater withdrawn each year 600,000

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
UNKNOWN

Signature of Owner Robert T. Norsby
 Date 12-14-63

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.

1047-5

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16.195380

OFFICE OF
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument
was filed for record in this office, on the

18 day of Dec.
A. D. 1963 at 11:15 A. M.

Laura Kingberg
County Clerk and Recorder

Don M. Swander
Deputy

01

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

File No. _____

T. 29N R. 5W

DUPLICATE

County Pondera

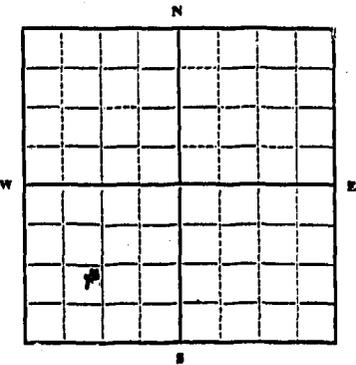
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 11 1963

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

STATE ENGINEER

1. Harry R. King of Valier
(Name of Appropriator) (Address) (Town)
County of Pondera 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.

- The beneficial use on which the claim is based stock watering and irrigation
- Date or approximate date of earliest beneficial use; and how continuous the use has been wells drilled in 1949 - use has been continuous since it drilled
- The amount of groundwater claimed (in miner's inches or gallons per minute) one miner's inch for each of two wells, for a total of two miner's inches
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof one acre of land in the northeast corner of SW 1/4 SW 1/4 of section 24, T. 29N., R. 5W., M.P.M., owned by Harry R. King and Alma M. King, husband and wife
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump located in each well. Both wells are located in northeast corner of SW 1/4 SW 1/4, section 24, T. 29N., R. 5W., M.P.M.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater the most northeasterly of the w two wells was drilled in April of 1949, commenced and completed in April of 1949; and the w other well was commenced and completed in June of 1949.
- The depth of water table 70'
- 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 most northeasterly well is 140' deep; the other well is 190' deep, both cased with 6" casing.
- The estimated amount of groundwater withdrawn each year one acre-foot
- The log of formations encountered in the drilling of each well if available not available
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record no other information

Signature of Owner Harry R. King
Date December 10, 1963

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

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

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

8533

No. 195274
OFFICE OF
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument
was filed for record in this office, on the
10 day of Dec.
A. D. 1963 at 2:45 P. M.

Janice Kempburg
County Clerk and Recorder
Joe M. [Signature]
Deputy

Fee \$2.00

24

File No. _____

T. 29 N. R. 5 W.

DUPLICATE

County Pondera

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 1 1963

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

1. Pondera County Canal & Reservoir Co. of Valier
(Name of Appropriator) (Address) (Town)

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

X					

SW 1/4 NW Sec 24, T. 29, R. 5.

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

2. The beneficial use on which the claim is based
Household Yard & Garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1918

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric Pump 3/4 H.P.

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

8. The depth of water table
50 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
6" Iron Casing

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

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

Pondera County Canal & Reservoir Co.

Signature of Owner Thomas R. Johnson

Date July 16, 1963

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

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

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

5217

DOC. NO. 194228

OFFICE OF
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

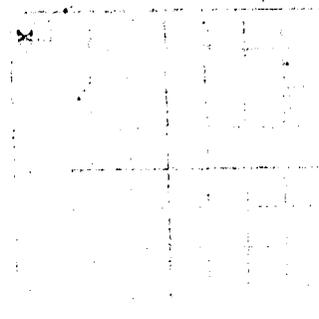
I hereby certify that the within instrument
was filed for record in this office, on the

31 day of July

A. D. 1963 at 3:35 P. M.

Louise Langberry
County Clerk and Recorder

Deputy



RECORDED
INDEXED
JUL 31 1963
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

STATE EXAMINER
JUL 1 1963

County Pondera

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 21904

Date Oct. 11, 1972 4:59 p.m.

GW 1 _____

Owner W. Thomas Boucher, also known as THOS. BOUCHER

Address Vol. 12, Montana 59486

Contractor (if any) None

Address of Contractor _____

Date Started July 21, 1971 Date Completed July 30, 1972

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.) Artesian - natural flow

3. Depth of water table 2 feet

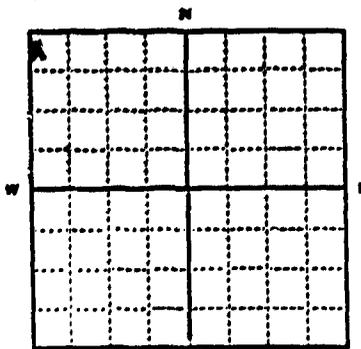
4. Use of the water stock water and irrigation

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 60 gallons per minute

6. If used for irrigation, give number of acres and description of land 200 acres: SE 1/4 of Sec. 22 and NE 1/4 of Section 27 and SW 1/4 of Section 21, all in T. 29N., R. 5W., N. 4M.

7. Estimate amount of water used each year 31,536,000 gallons

8. Months of year spring flows 12



NE 1/4 SW 1/4 Sec. 27

T. 29 N. 5 W.

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated 3950'

Signature of Owner [Signature]

Date Oct. 11, 1972

51,594

Handwritten text at the top of the page, possibly a title or reference number.

Handwritten text in the upper left quadrant, including a star symbol.

Handwritten text in the middle left section.

Handwritten text in the lower middle left section.

110219041

OFFICE OF
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument
was filed for record in this office, on the

11 day of Oct
1972 at 4:50 P.M.

Gladye Martensen
County Clerk and Recorder

Don M. Quander
Deputy

GW

File No. _____

T. 29 N 5 W

DUPLICATE

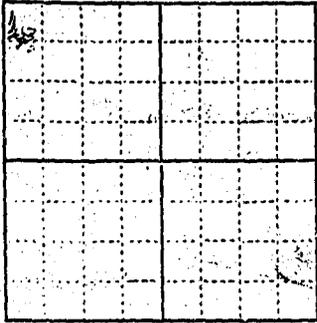
County Podre

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1963

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

1. Powers Bros (Name of Appropriator) of Valier (Address) (Town)
County of Podre State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/4 NW 1/4 Sec 29 T29 R5W

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 & household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. No. 1 1927 Steady
No. 2 1946 Steady
No. 3 1947 Steady

4. The amount of groundwater claimed, in miner's inches or gallons per minute) No. 1 5 gal. min. No. 2 8 gal. min.
No. 3 10 gal. min.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. No. 1 1927 No. 2 1946 No. 3 1947

8. The depth of water table. No. 1 20' No. 2 100' No. 3 18'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. No. 1 drilled 8" hole 120'
No. 2 drilled 8" hole 150'
No. 3 dug 10" hole 20'

10. The estimated amount of groundwater withdrawn each year. No. 1 100,000 gal. No. 2 80,000 gal.
No. 3 225,000 gal.

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

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

Signature of Owner

Date 12-31-63

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

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

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

20985

The purpose of this report is to provide information regarding the water rights and interests in the water resources of the State of Montana. This report is based on the information provided by the applicant and the records of the State of Montana.

The purpose of this report is to provide information regarding the water rights and interests in the water resources of the State of Montana. This report is based on the information provided by the applicant and the records of the State of Montana.

NOTICE TO THE PUBLIC: This report is based on the information provided by the applicant and the records of the State of Montana. It is not intended to constitute a warranty or guarantee of any kind.

The purpose of this report is to provide information regarding the water rights and interests in the water resources of the State of Montana. This report is based on the information provided by the applicant and the records of the State of Montana.

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195648
OFFICE OF
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA
I hereby certify that the within instrument was filed for record in this office, on the 3rd day of August, 1963, at 3:40 P.M.
Laurie K. Humphrey
County Clerk and Recorder

Deputy
208200

File No. _____

T. 29 N R. 5 W

DUPLICATE

County Pondera

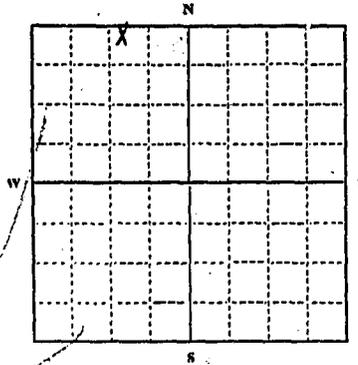
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 31 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Stanley Peterson, of Valer,
(Name of Appropriator) (Address) (Town)
County of Pondera State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/4 NW Sec. 30 T. 29 N. R. 5 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 Home & Stock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1914
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gal
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater One about 1916 and drilled one about 1930

8. The depth of water table 250'

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 One 7.2' drilled to 252 1930 Both wells have pumps

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

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 Stanley Peterson
Date Dec 30 1963

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

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

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

16705

[Faint, mostly illegible text from the main body of the document, possibly a deed or contract.]

No 195562

OFFICE OF
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument
was filed for record in this office, on the
30 day of Dec.

A. D. 1968 at 3:50 P.M.

James Kempney
County Clerk and Recorder

Joe M. Dunderell
Deputy

Fee \$2.00

GV,

33

File No.

T. 29 N. R. 5 W

DUPLICATE

County Pondera

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

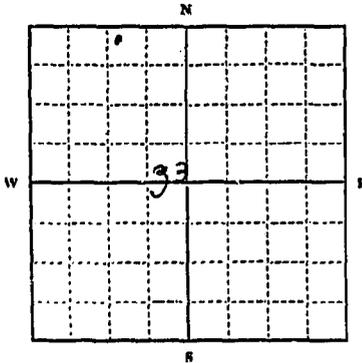
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Harry VanDenBos, of Valier
(Name of Appropriator) (Address) (Town)

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



N.E. 1/4, NW 1/4, Sec. 33, T. 29 N. R. 5 W.

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

2. The beneficial use on which the claim is based household use and stock

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 gallon 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
No irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
3/4 jet pump

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

8. The depth of water table 70 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 3/4 jet pump, 6 in. casing, 102 feet deep

10. The estimated amount of groundwater withdrawn each year 500,000 gallons a year

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

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

Signature of Owner Harry VanDenBos

Date Dec 27 1963

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

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

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

15563

[Faint, illegible text from the main body of the document]

No. 195-502
OFFICE OF
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA
I hereby certify that the within instrument
was filed for record in this office, on the
27 day of Dec.
A. D. 1963 at 2:50 P.M.
James K. [Signature]
County Clerk and Recorder
Don M. [Signature]
Deputy
Fee \$2.00

34

File No. _____

T. 29 N. R. 5 W.

DUPLICATE

County Pondera

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 Statutes)
STATE ENGINEER

Top of Ground
(Elev. above sea level 3860)



Owner John Toran Address Valier, Montana

Driller Perry Talbot Address Choteau, Montana

Date of Notice of Appropriation of Groundwater _____

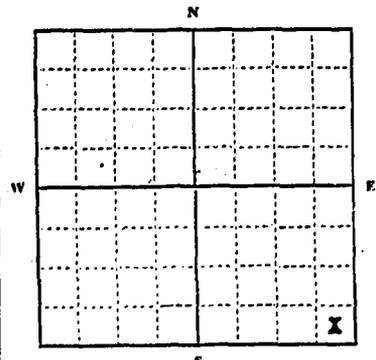
Date well started Oct. 20, 1956 Date Completed Nov. 12, 1956

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8 inches	6 inch gal steel casing	ground level	30 feet down	none	none	none



NE 1/4 Sec. 34 T. 29 N. R. 5 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 60 feet feet.

Shut-in Pressure for Flowing Well none

Pumping Water Level 10 feet at 5 gal gal. per minute.

Discharge in gal. per min. of flowing well none

How Tested none Length of Test none

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) water is not being used for irrigation and water is used at site of well for livestock purposes only.

None
Driller's License Number

Perry Talbot
Driller's Signature

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

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

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

15568

RECEIVED BY RECORDER JAGH

DATE RECEIVED 12/27/63

RECEIVED

RECEIVED

OFFICE OF *No. 195507*
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument
was filed for record in this office, on the
27 day of *Dec.*

A. D. 19*63*, at *3:25* P. M.

Laura Kingbury
County Clerk and Recorder

J. M. Dandell
Deputy

Fee \$2.00

39, 10001

CLERK OF DISTRICT COURT
MONTANA

OFFICE OF *No. 195506*
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument
was filed for record in this office, on the

27 day of Dec.
A. D. 1963 at 3:20 P. M.

Louise Thompson
County Clerk and Recorder

Dea. M. J. ...
Deputy

Fee \$2.00

File No.

T. 29 N R. 5 W

DUPLICATE

Site 2145 County Sanders
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 15 1964
STATE ENGINEER

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

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

- 0' Glacial Till
- 30' Two Medicine Formation
- 235' Eagle Formation
- 380' Colorado Group
- 1535' Greenhorn Formation
- 2240' Bakota Formation
- 2352' Kootenai Formation
- 2804' Morrison Formation
- 2884' Swift Formation
- 3076' Riedon Formation
- 3160' Madison Group

Owner: U. S. Air Force Address: Norton AFB, California
Contractor: Porter, O'Brien & Armstrong, Los Angeles, California
Driller: Grant Northern Drilling Co. Address: Billings, Montana

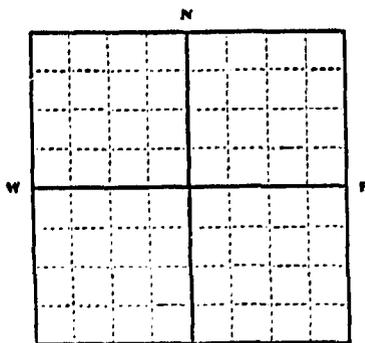
Date of Notice of Appropriation of Groundwater: October 13, 1964
Date well started: August 13, 1964 Date Completed: September 3, 1964

Type of well: Drilled Equipment Used: Rotary
(disc, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

	Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PREPARATIONS		
					Kind	From (Feet)	To (Feet)
	13-3/4"	10-3/4" - 32.75'	0	97.5	Open Hole Completion		
	9"	7" - 20'	0	3160			



CLASSIFIED

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

Show exact depth of bottom.

Depth - 3255'

Static Water Level for non-flowing Well..... 770 feet.

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

Pumping Water Level..... 1117 feet at..... 10 gal. per minute.

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

How Tested: Pumped Length of Test: 60 Hours

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

69

Driller's License Number

Project Manager's Signature

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

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

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

GV

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

File No. _____

T. 29 N R. 4 W 2

DUPLICATE

County Pondera

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

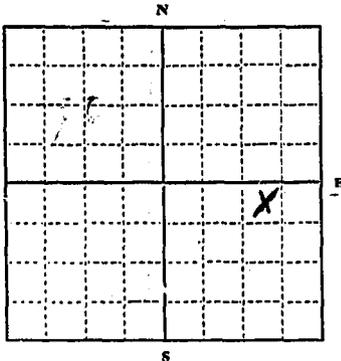
RECEIVED
DEC 31 1963

Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Shirley J. Christensen
Marcel J. Christensen of Valley Montana
(Name of Appropriator) (Address) (Town)
County of Pondera State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SE Sec. 2 T. 29 N. R. 4 W

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

- The beneficial use on which the claim is based House
Line Strip
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1918 - continuously
- The amount of groundwater claimed (in miner's inches or gallons per minute) 1500 gal a day
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof lawn of garden
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater march - 1918
- The depth of water table 125 ft
- 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 in casing 125 ft deep
- The estimated amount of groundwater withdrawn each year 108,000
- The log of formations encountered in the drilling of each well if available unknown
- 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

Shirley J. Christensen
Marcel J. Christensen

Date

Dec 30 1963

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

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

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

16690

195547

OFFICE OF
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument
was filed for record in this office, on the

30 day of Dec
A. D. 1963 at 1:35 P. M.

Louise Thompson
County Clerk and Recorder

Deputy

See 4200

24

File No.

T. 29 N. R. 4 W

DUPLICATE

County Pondera

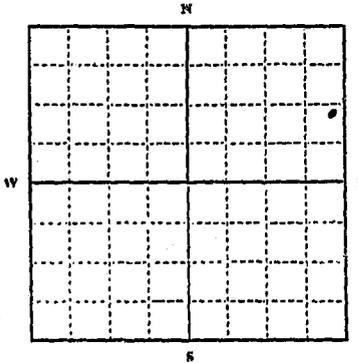
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 31 1963

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

1. Lloyd Campbell of Valley
(Name of Appropriator) (Address) (Town)

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



NE 1/4 Sec. 4 T. 29 N. R. 4 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 house hold & stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1915

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10 miner 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
irrigation no not used for

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1915

8. The depth of water table. 80 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. drilled - 120 ft
7 inch hole 6 inch casing

10. The estimated amount of groundwater withdrawn each year. not known

11. The log of formations encountered in the drilling of each well if available. sand & clay
100 ft with 20 ft

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

Signature of Owner Lloyd Campbell

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.

16688

OFFICE OF *No. 195542*
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument
was filed for record in this office, on the
30 day of December
A. D. 1963 at 1:25 P. M.

Laurie Kungsberg
County Clerk and Recorder

Deputy

Fee \$2.00

015

File No. _____

T. 29 N. R. 4 W. MM

DUPLICATE

County Pondera

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

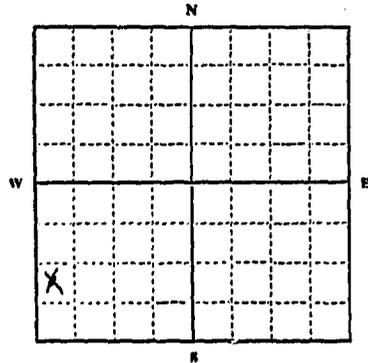
(Under Chapter 237, Montana Session Laws, 1961)

Robert Sporleder

STATE ENGINEER

1. Robert Sporleder of R.R. 3 Valier
(Name of Appropriator) (Address) (Town)

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



S.W. 1/4 Sec. 15 T. 29 N. R. 4 W. MM

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

2. The beneficial use on which the claim is based Household Use and Livestock Water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1928 Continuous since that date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gallons per min.

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

NONE.

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

Jet pump & Electric Motor.

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

Early 1928 = Completed Fall 1928

8. The depth of water table

100 ft.

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

Drilled Well = 6 in. casing = 102 ft.

10. The estimated amount of groundwater withdrawn each year

1,825,000 Gals.

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

None Available

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

None -

Signature of Owner Robert Sporleder

Date Dec 27, 1963

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

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

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

1562

216

File No.

T. R. 29N. 16W.

DUPLICATE

County Fondera

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 31 1963

Declaration of Vested Groundwater Rights

STATE ENGINEER

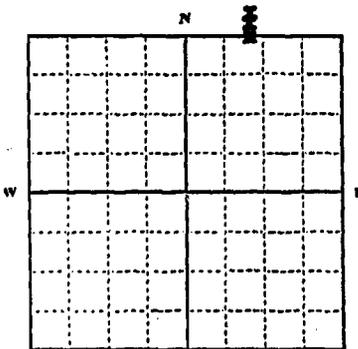
(Under Chapter 237, Montana Session Laws, 1961)

Lawrence and Ronald G. Nelson

Valley

I, Lawrence and Ronald G. Nelson, of Valley, Montana, (Address) (Town) (County) (State of) (Name of Appropriator)

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



NW NE 16 29N 16W

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 to which the water is being used.....
- 3. Date or approximate date of beneficial use, and how continuous the use has been.....
- 4. The amount of groundwater withdrawn (in gallons, inches or gallons per minute).....
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
- 6. The means of withdrawing such water from the ground and the location of pump or other withdrawal.....
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
- 8. The depth of water table..... 60 ft.
- 9. So far as it may be available, the type, mechanical or other, or the general specifications of any other works for the withdrawal of groundwater..... 600,000 to be withdrawn each year
- 10. The estimated amount of groundwater withdrawn each year.....
- 11. The log of formations encountered in the 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 Lawrence Nelson (joint)

Date Dec. 30, 1963

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

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

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

16700

[Faint, illegible text from the reverse side of the document, appearing as bleed-through.]

No. 195556

OFFICE OF
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument
was filed for record in this office, on the
30 day of Dec.

A. D. 1963 at 3:10 P. M.

Louise Kingbury
County Clerk and Recorder

Des. M. Quander
Deputy

71182⁰⁰

File No. _____

T. 29^N R. 4^W

DUPLICATE

County Ponderosa

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

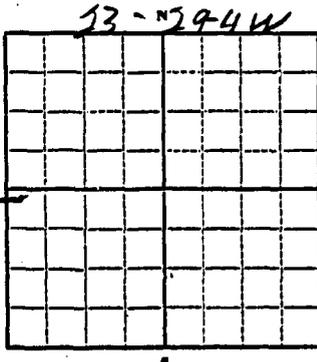
RECEIVED
DEC 10 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John T. Edwards, of Valley
(Name of Appropriator) (Address) (Town)
County of Ponderosa State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 Sec. 29 T. 29 R. 4 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.....
Timber

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
Nov. 1944

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
Nov. 1944

8. The depth of water table.....
8.5 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.....
5.5 in. casing 8.5 ft. deep

10. The estimated amount of groundwater withdrawn each year.....
140,000

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.....

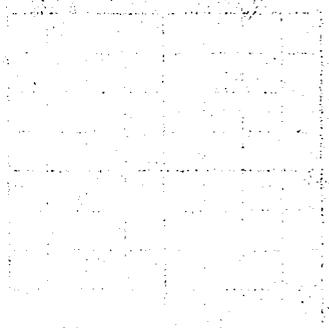
Signature of Owner John T. Edwards

Date Nov 9-63

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.



195263

OFFICE OF
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument
was filed for record in this office, on the

7 day of December
A. D. 1943 at 1:45 P. M.

Levie King
County Clerk and Recorder

Deputy

2 9 2 5

File No. _____

T 29 R 4W

DUPLICATE

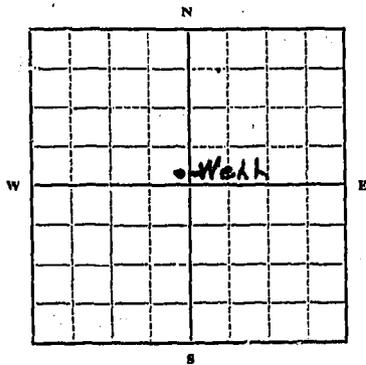
County Pondera

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth Ostrom of 14N Main Conrad
(Name of Appropriator) (Address) (Town)
County of Pondera State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW 1/4 Sec 27 T29 R4W

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 PASTURE AND STOCK

3. Date or approximate date of earliest beneficial use; and how continuous the use has been ABOUT 1925 USED EVER SINCE

4. The amount of groundwater claimed (in miner's inches or gallons per minute) ABOUT 1 OR 2 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 NONE

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal DRAWN BY WINDMILL AND PUMP AND CYLINDER

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater NO EXACT DATE KNOWN

8. The depth of water table 150 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 TOTAL DEPTH 160 FEET 8 INCH HOLES

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

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 Kenneth Ostrom

Date 12-16-63

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.

10473

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11/16/63

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OFFICE OF
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument
was filed for record in this office, on the

18 day of Dec

A. D. 1963 at 10:50 A.M.

Louise King
County Clerk and Recorder

Deputy

Louise King
11-16-63

GWS

File No.....

DUPLICATE

T. 29^N R. 4W 28
County Pondera

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

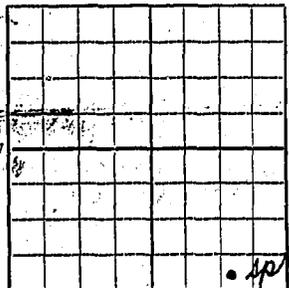
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1910
Owner Hertha Ostrom Address 6071 Rad Mt.
Contractor (if any) None
Address of Contractor None

Date Started 1910 Date Completed 1910

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. DO NOT KNOW EXACT DATE
SPRING

ABOUT 5 FEET TO bed ROCK
BUT FLOWS YEAR ROUND FROM SURFACE



SE 1/4 R. 4 W. 28
SE 1/4 R. 4 W. 28

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

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

15 gallons per hour used
all the time except
some times in the
winter

Signature of Owner Hertha Ostrom

Date 12-16-63

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

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

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

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

10472

STATE OF MONTANA

County of Pondera

195374

OFFICE OF
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument
was filed for record in this office, on the
18 day of Dec

A. D. 1963 at 10:45 A. M.

Louise Thompson
County Clerk and Recorder

Deputy

31

File No.

T. 29^N R. 4^W

DUPLICATE

County Pondera

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1912
Early homestead days

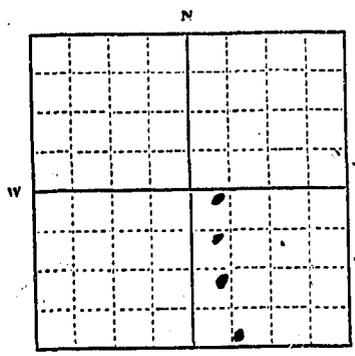
Owner John Bernard Address Conrad

Contractor (if any) None

Address of Contractor

Date Started Springs developed early homestead Date Completed as needed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Sub-irrigation and other natural processes, developed spring with natural percolating water, gravity feed. Percolating water to surface through shale - 2.5 ft.



W 1/4 - 1/4 SE 1/4 Sec. 31 T29 R4 W

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

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

estimate approximate lengths of periods of use.....
Follow difficult to estimate - intermittent - probably 10 gal per minute.

Signature of Owner John Bernard
Date 2-3-63

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quaduplicate for the Appropriator.

195655

OFFICE OF
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument
was filed for record in this office, on the

31 day of Dec.

A. D. 1963 at 3:58 P. M.

Laune Kinghurst
County Clerk and Recorder

Ira M. Jordan
Deputy

Fee \$

37

File No.....

T. 28N R. 4W

DUPLICATE

County Pondera

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 21 1962

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater December 19, 1962

Owner Oscar O. Skov Address Conrad, Montana

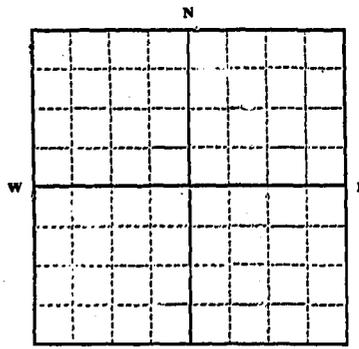
Contractor (if any) Olson Bros.

Address of Contractor Conrad, Montana

Date Started 12-14-62 Date Completed 12-19-62

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

Dug 20x5' ditch 1 1/2' deep



SE 1/4 Sec. 33 T. 28N R. 4W

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

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

estimate approximate lengths of periods of use.....

40 gal. per hr. - run by itself - for winter use

Signature of Owner Oscar O. Skov

Date December 20, 1962

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

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

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

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

3214

No. 192656

OFFICE OF
COUNTY CLERK AND RECORDER
COUNTY OF PONDERA, MONTANA

I hereby certify that the within instrument
was filed for record in this office, on the

20 day of Dec.

A. D. 1962 at 3:20 P. M.

Louise K. Campbell
County Clerk and Recorder

Joe M. Swank
Deputy

34

File No. _____

T. 29 1/2 H W

DUPLICATE

County Pondera

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 22 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. S. E. Messenger, of Conrad
(Name of Appropriator) (Address) (Town)
County of Pondera State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

Sec 34 E. Sec 34. T 29 R. 4

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

- 2. The beneficial use on which the claim is based.....
House & irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
1955
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
2.0 Gallons Per Min
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
None as yet
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
None

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
- 8. The depth of water table.....
8.0 ft
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
6 in Pipe - 93 ft
- 10. The estimated amount of groundwater withdrawn each year.....
None as far
- 11. The log of formations encountered in the drilling of each well if available.....
Log kept by driller
J. A. P. Whitaker Ogden Co Mont.
- 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.....
Book well on place
None in county record

Signature of Owner S. E. Messenger
Date 3-21-63

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.

4006

34

File No. _____

T. 29^N R. 4^W.

DUPLICATE

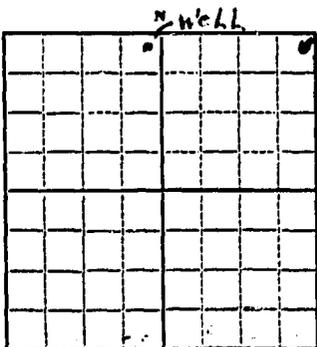
County Pondera

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth Ostrom, of 14N Main Corral, Mont.
(Name of Appropriator) (Address) (Town)
County of Pondera State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 of NW 1/4
NE 1/4 NW 1/4 Sec 34 T29 R4W

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 Irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Well dug in 1912 and been in use ever since
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 59.3 gpm 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. Used for Hardon A Round Well
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump & Cylinder

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Started in 1912 and finished same year Redone again in 1957
8. The depth of water table. 64 Feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled Well 5 inch hole water withdrawn with 2 1/2 inch and pump pack total depth 68 feet
10. The estimated amount of groundwater withdrawn each year. 70,000 gallons
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 Kenneth Ostrom

Date 12-16-63

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.

10474