

File No. ....

T. 24 N. 22 E. R. 33

DUPLICATE

County .....

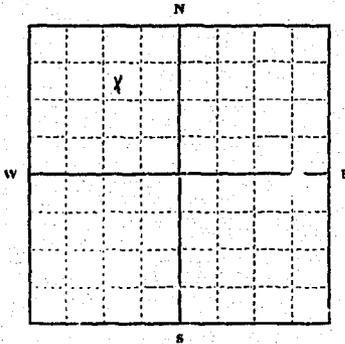
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Floyd Whiteman, of Risby,  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 33 T. 24 R. 33

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.....
- 3. Date or approximate date of earliest beneficial use, and how continuous the use has been. usual part time
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 70 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. no
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump with 1/2 hp motor on the NW 1/4 of Sec 33
- 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. 12
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 38 ft
- 10. The estimated amount of groundwater withdrawn each year. 1000 Gal
- 11. The log of formations encountered in the drilling of each well if available. none available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. none available

Signature of Owner

Floyd Whiteman

Date

Dec 31, 1963,

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

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

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

29903

STATE OF MONTANA, } ss. 286509  
County of Hilland,

this 31 day of

Dec. A D 1963

at 11:49 o'clock P.

C. L. Kooker

County C. C.

R. Atchison

Deputy

Fee: 2.00

filed



File No. ....

T. 24 N. R. 53 E

DUPLICATE

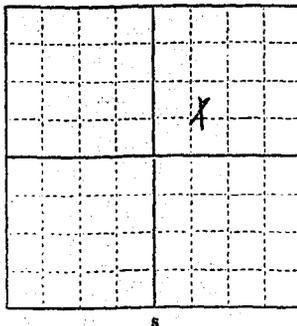
County Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Joseph O. Klasna, of Enid,  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 14, Sec. 1, T. 24, R. 53

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

- 2. The beneficial use on which the claim is based. Livestock, home, and domestic use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. August, 1945 and use has been continuous since then.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 5 gal. per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Not used for irrigation
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Cylinder pump and wind mill, and electricity.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Drilled July 15-20, 1945 and completed on August 1, 1945

8. The depth of water table. 35 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. Bored well, 2 1/2 inch diameter, and 55 feet deep.

10. The estimated amount of groundwater withdrawn each year. 30,000 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.

Signature of Owner Joseph O. Klasna

Date Dec. 31, 1963

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

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

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

STATE OF MONTANA, }  
County of Richland, } ss. 286741

Filed this 31 day of December A.D. 1963

at 3:46 o'clock P. M.

C. L. Hooker  
County Register

John L. Leske  
Deputy

Fee \$2.00  
Filed

File No. ....

T. 24 N. R. 53 E

DUPLICATE

County, Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

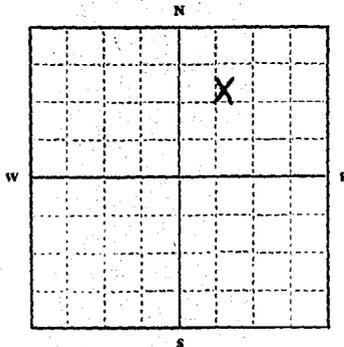
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Joseph O. Klama, of Enid  
(Name of Appropriator) (Address) (Town)

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



SE 1/4 Sec. 1, T. 24 N. R. 53 E

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. October, 1955 and use has been continuous since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). three and one-half gallons per minute.

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

Not used for irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. October 10, 1955 and completed Oct. 11, 1955

8. The depth of water table. 31 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. Bored well, 21 inch diameter, 44 feet deep.

10. The estimated amount of groundwater withdrawn each year. 45,000 gal. each 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. none

Signature of Owner. Joseph O. Klama

Date Dec 31, 1963

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

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

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

STATE OF MONTANA, } ss. 286740  
County of Richland, }

Filed this 31 day of  
December A.D. 1963  
at 3:40 o'clock P.M.

G. H. Kasper  
County Recorder  
John L. Quirk  
Deputy

fee \$2.00  
filed

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

T. 24 N., R. 53 E., M.P.M.

DUPLICATE

County: Richland

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

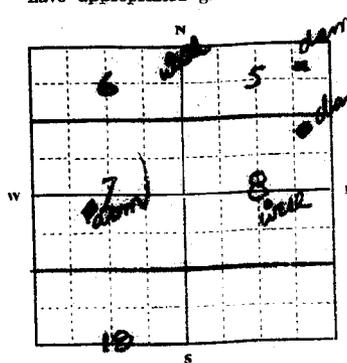
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961) (as Amended by Chapter 21 Session Laws of 1965)

1. Dorothy R. Freeman, of 707 Second St. S.E., Sidney  
(Name of Appropriator) (Address) (Town)

County of Richland 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. Stock water and field flooding

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1932 continuous to and including the present time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 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. 90-acre field situated in E<sub>1</sub> of Sec. 8, Twp. 24 N., Rge. 53 E., M.P.M. (flood irrigation)

1/4 Sec. T. R.  
Indicate point of appropriation and place of use, if possible. Each small square represents 40 acres.

ALL IN TWP 24N R6E53E.  
SECS. 35 & 36 & 25 & 2 LEASED LANDS

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. well on Sec. 6 & 1 well on Sec. 8, T. 24 N., R. 53 E.; dam on Secs. 5, 7 & 8, E. 24 N., Rge. 53 E. and on Secs. 35 & 36, T. 25 N., Rge. 52 E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well on Sec. 8, T. 24, Rge. 53, approximately 1920; well on Sec. 6, T. 24, Rge. 53, about 1958.

8. The depth of water table. Estimated 25 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Well on Sec. 6, T. 24, Rge. 53, 150 feet; and on Sec. 8, T. 24, Rge. 53, 75 feet; Pump and windmill used on well in Sec. 6 and pump with electric motor used on the well in Sec. 8.

10. The estimated amount of groundwater withdrawn each year. Estimated 100 miner's inches

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 Dorothy R. Freeman  
Date July 11 - 1965

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.

STATE OF MONTANA, } ss. 294137  
County of Richland, }

Filed this 5 day of

August A. D. 1965

at 3:40 o'clock, P. M.

E. I. Karker  
County Recorder

by E. J. Jardy  
Deputy

Fee \$2.00 filed

T. 24N R. 53E

County Richland

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
NOV 28 1958

WATER WELL LOG

STATE ENGINEER


Owner Ray Freeman Address Sandy mont

Driller Andy Smith 300 S.E. Address Sandy mont

Date Started May 31 Date Completed June 6-57

Location: Sec. 6 T. 24 R. 53 1/4 sec.

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

Water use: Domestic  Municipal  Stock  Irrigation

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

Casing: 1.71 ft. to \_\_\_\_\_ ft. Type OD Size 6 in

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

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

Perforated or Screened: Ft. 1.81 to ft. 1.78 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations cut with cutting tool

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

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

Pumping water level: 1.6 feet at 6 gal. per min.

How tested: Handing

Length of test: 2 hours

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

(over)



File No. ....

T 24 N R 53 E

DUPLICATE

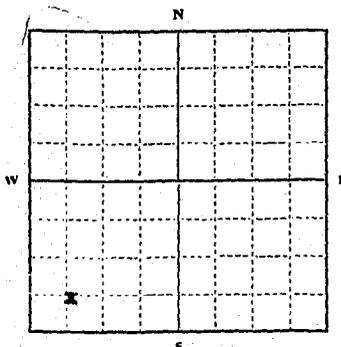
County Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. Fred R. Whitman of Box 202 Fairview  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 8 T. 24 R. 53

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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
1958
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
5 gals 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.....  
not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
1958
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.....  
53 feet deep
10. The estimated amount of groundwater withdrawn each year.....  
not available
11. The log of formations encountered in the drilling of each well if available.....  
not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner

Fred R. WhitmanDate December 31, 1963

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

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

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

29592

STATE OF MONTANA, } ss. 286298  
County of Blaine, }

the 31 day of Dec. 1963

8:18 P.M.  
C. L. Kocken  
R. Atchison  
Deputy

fee: 200  
filed

GV.

File No. ....

DUPLICATE

T. 24 N R. 53 E

County Richland

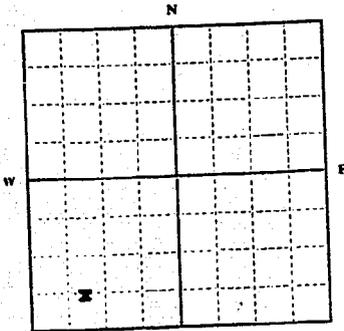
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1963  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Fred R. Whitman, of Box 202 Fairview  
(Name of Appropriator) (Address) (Town)  
Richland Montana  
County of State of  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 8 T. 24 R. 53

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 household

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) 4 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 used for irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1955

8. The depth of water table 15 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 32 feet deep

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

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

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

Signature of Owner Fred R. Whitman

Date December 31, 1963

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

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

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

29591

STATE OF MONTANA )  
County of Richland. ) No. 286297  
Filed )  
Dec. 31 day of  
8.17 63  
C. L. Kooker  
R. Atchison  
Deputy

fee: 200  
filed

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

T. 24<sup>N</sup> R. 53<sup>E</sup>

DUPLICATE

County Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Joe Klarna Sr. of Rickey  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:


N. 1/4 Sec. 9 T. 24 R. 53

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 watering cattle year round.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been may 1958 every year

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 gal a 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 1 1/2 inch pipe 2 in's cap under 1 1/2 engine

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 22 ft to water

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. 18 in casing 60 ft. depth

10. The estimated amount of groundwater withdrawn each year 18,000

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 Joe Klarna Sr.  
Date Dec 31 - 1963

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

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

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

STATE OF MONTANA }  
County of Rosebud } ss. 286301

Filed this 31 day of  
December A.D. 1963  
at 8.21 o'clock A.M.

C. L. Kooker  
County Recorder  
C. Cook  
Deputy

fee \$2.00  
filed

File No. ....

T. 24<sup>N</sup> R. 53<sup>E</sup>

12

DUPLICATE

County Rich.

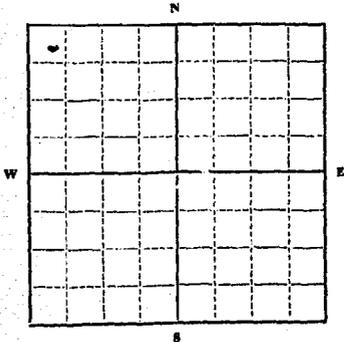
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 20 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Anna A. Pettibill, of Enid Montana  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N. 1/4 W. Sec. 12, T. 24 N. R. 53 E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...  
always used 1959

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...  
1959

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

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater...  
24 inch Dia. 36 Feet Deep

10. The estimated amount of groundwater withdrawn each year...  
35,000

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...  
Not Available

Signature of Owner... Anna A. Pettibill

Date 12/20/63

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.

29806

286512

STATE OF MONTANA, } ss. 286512  
County of Richland,

Filed this 31 day of

December A. D. 1963

at 11:52 o'clock, P.M.

E. L. Kosker

County Recorder

E. Leach

Deputy

fee #200  
filed

CW 2  
 File No.  
 DUPLICATE

T 24 N R 53 E

County *Richland*

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER DEC 26 1963

RECEIVED  
 ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

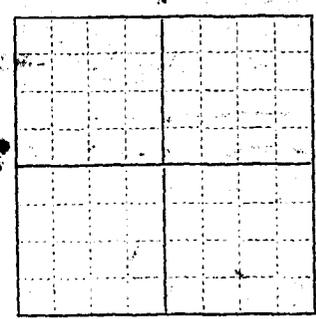
(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground  
 (Elev. above sea level *2200*)  
*10 feet lignite*  
*15 feet sand*  
*10 feet yellow clay*  
*25 feet sand*  
*20 feet 40 feet limestone*  
*lit water at 40 feet*  
*with 55 feet water*  
*57 feet sand*  
 bottom of well.

Owner *Frank Adams* Address *Highway 200*  
 Driller *Allen Verschoot* Address *Highway 200*  
 Date of Notice of Appropriation of Groundwater *Dec 22 1963*  
 Date well started *Dec 22 1963* Date Completed *Dec 22 1963*  
 Type of well *hand* Equipment Use *hand dig*  
 (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	From (Feet)	To (Feet)
<i>18 in</i>	<i>1 1/2 in</i>		<i>57</i>	<i>fine</i>	<i>49</i>	<i>57</i>



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 *22* feet.  
 Shut-in Pressure for Flowing Well \_\_\_\_\_  
 Pumping Water Level *45* feet at *10* gal. per minute.  
 Discharge in gal. per min. of flowing well \_\_\_\_\_  
 How Tested *soiled* 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 *hand*)  
*packing.*

*None*  
 Driller's License Number  
*Allen T. Verschoot*  
 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.

*[Faint, illegible handwritten text]*

STATE OF MONTANA, } ss. 285911  
County of Richland,

Filed this 23 day of  
Dec. A. D. 1963

at 10:44 o'clock A.M.  
B. S. Kookan

County Recorder  
R. Atchison  
Deputy

*fee: 2.00*  
*filed*

et.  
te.  
ca-  
ny  
of

st  
r  
of  
040

File No. ....

T. 24 N. R. 53 E.

DUPLICATE

County. Richland

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

RECEIVED  
 DEC 26 1963

Declaration of Vested Groundwater Rights

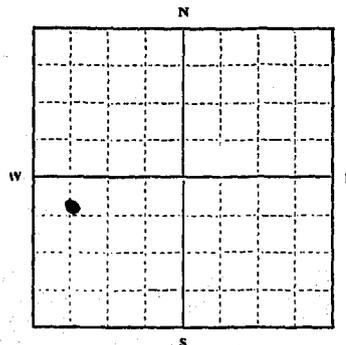
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Harold Rhines, of Box 19, Sidney  
 (Name of Appropriator) (Address) (Town)

County of Richland State of Montana

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



SW 1/4 Sec. 14 T. 24 R. 53

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 Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
 May 20, 1954  
 used every day

4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
 40 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  
 Irrigates approximately 1 acre in garden, lawn, trees etc.  
 Harold Rhines owner

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
 May 17 To May 20, 1954

8. The depth of water table  
 15 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  
 Bored well - 31 FT deep  
 22 in. 1603 gauge culvert casing

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

Signature of Owner

Date

Dec 23/63

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

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

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

12639

STATE OF MONTANA, }  
County of Richland, } ss. 285910

Filed this 23 day of

Dec. A D 19 63

at 10:42 of Court A.

E. L. Kooker

Clk

R. Atchison

Deputy

fee: 2.00  
filed

GV

File No. ....

DUPLICATE

T. 24 N. R. 53 1/2

County. Richland

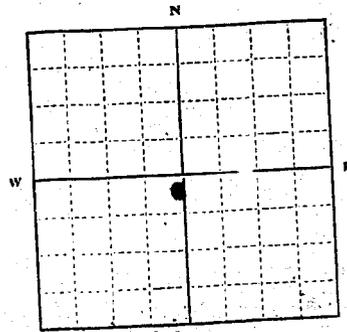
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 28 1962

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

1. Harold Rhines, of Doniphan, Sidney  
(Name of Appropriator) (Address) (Town)

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



3/4 Sec. 14, T. 24 N. R. 53

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 and Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 15, 1961  
used part of the time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 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 PUMP  
and gas motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 19, 1961 To July 15, 1961

8. The depth of water table 15 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 Sand well - 82 ft. depth  
15 in. 100# gauge copper casing

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

Signature of Owner Harold Rhines  
Date Dec 23 / 62

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.

12638

2K 14 22 23

1000

1000

1000

1000

1000

1000

1000

STATE OF MONTANA }  
 County of Richland, } ca. 285 709  
 No. 23 day of  
 Dec 19 63  
 10:40 A.M.  
 E. L. Hooper  
 D. Sullivan  
 filed

1000

JW 3

File No. ....

DUPLICATE

*Section No. 24  
Section No. R53*

SECTION NO. 24  
R53

RECEIVED  
MAY 20 1964

Approved State Form No. 100-100-100-100 Publishing Co., Helena, Montana-42262

T. 24 N. R. 53 EMPM

County Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

R

JAN 10 1964

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....Jan. 1, 1949.....

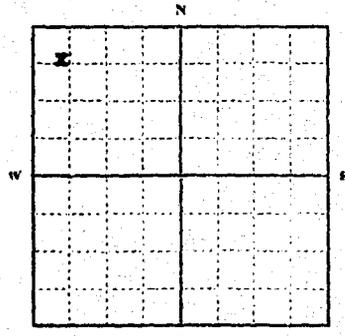
Owner Rudolph Raisl..... Address..... Richey, Montana

Contractor (if any) ..... None.....

Address of Contractor .....

Date Started..... Date Completed..... Prior to 1-1-49

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



1/4 Sec..... T. 24 R. 53

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..... water.....

..... extracted by means of a two inch diameter pipe, running between 1/4 and 1/2 full in continuous stream.....

Signature of Owner *Rudolph Raisl*

Date..... Dec. 30, 1963.....

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

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

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

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

39555

JW 3

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

DUPLICATE

*Location No. 7  
SECTION NO. 1  
NO. SECTION ADJUTANT*

RECEIVED  
MAY 20 1964

State of Montana Publishing Co., Helena, Montana - 12157

T. D. H. R. 53 SMPM

County Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

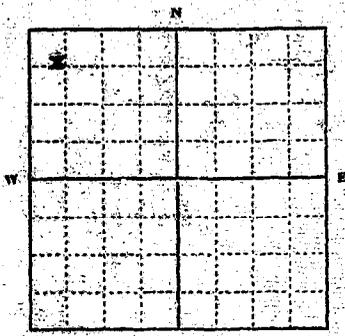
### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 297 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Jan. 1, 1963  
Owner Rudolph Paul Address Pliby, Montana  
Contractor (if any) None  
Address of Contractor \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed Prior to 1-1-63

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



1/4 Sec. T24 R53  
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 Water  
extracted by means of a two inch diameter pipe, running between 1/4 and 1/2 cell in continuous stream.

Signature of Owner Rudolph Paul  
Date Dec. 30, 1963

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

29555

STATE OF MONTANA, } ss. 286256  
County of Richland.

Filed this 30 day of  
December A. D. 1962  
at 3:06 o'clock P. M.

E. L. Kasper  
County Clerk  
Hein Henke  
Deputy

fw 200  
filed

Sidney, Montana  
Nov. 20, 61.

JOHN  
December 63.

File No. ....

T. 24 N. R. 53

DUPLICATE

County Ribbles

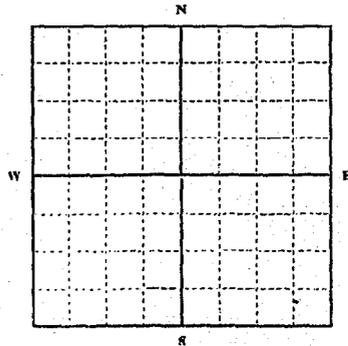
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

1. Charles Williams, of 3112 Ave SE Sidney  
(Name of Appropriator) (Address) (Town)  
County of Ribbles State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 24 T. 24 R. 53  
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 well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1960

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

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

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 40 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 5 inch 40 ft depth

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 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

Signature of Owner Charles Williams  
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.

STATE OF MONTANA, } ss. 286127  
County of Richland, }

Filed this 30 day of  
December A. D. 1963

at 9:20 o'clock P. M.  
G. L. Kosper  
County Recorder

Heber Luerke  
Deputy

\$2.00  
filed

GW

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

File No. ....

T 24 N. 53 E.

DUPLICATE

County Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

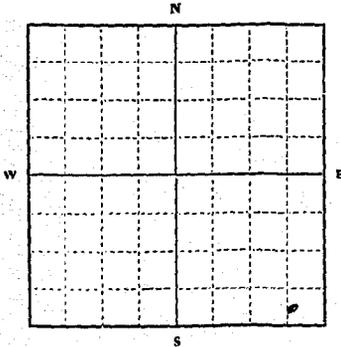
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

1.  Evelyn Williams , of  311 2 ave SE Sidney   
(Name of Appropriator) (Address) (Town)

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



S.E. 1/4 of Sec 24 T.24 R.53

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 well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.  Dec 1959, used every day year around

4. The amount of groundwater claimed (in miner's inches or gallons per minute).  About 1000

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.  Not finished now. exact date Not known

8. The depth of water table.  36 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.  None but by 36 ft. depth

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

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

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

Signature of Owner  Mrs Evelyn Williams

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.

29447

STATE OF MONTANA, } ss. 286128  
County of Richland,

Filed this 30 day of  
December A. D. 1963  
at 9:23 o'clock, P. M.

E. L. Kosper  
County Recorder  
Helen Dierke  
Deputy

\$ 2.00  
Filed

G.

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

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

T. 24 N. 53 E.

DUPLICATE

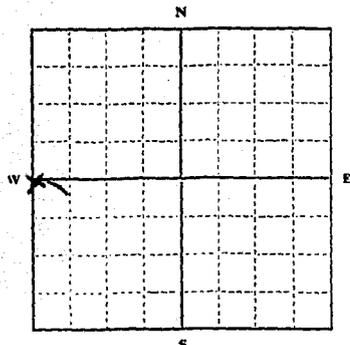
County Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. J. B. Kutha of Enid  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Mont  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 25 T. 24 R. 53

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 well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct 23, 1960  
used for 100 head of cattle  
horses and feed

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal a minute for 3 hr  
a day

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 gas engine  
and pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Oct 23 - 1960

8. The depth of water table 20 ft. well 20 ft to water

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 40 ft 18 in casing  
Pumped by engine and pump Jack 1 1/2 pipe

10. The estimated amount of groundwater withdrawn each year 150,000 gal

11. The log of formations encountered in the drilling of each well if available 20 ft. clay - 2 ft  
of coal 18 ft clay.

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

Signature of Owner J. B. Kutha

Date Dec 31 - 1963

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

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

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

30062

12

12

ca

286768

STATE OF MONTANA, }  
County of Richland, } ss.

Filed this 2 day of

January A. D. 1964

at 9:05 o'clock, A.M.

E. L. Hooker  
County Recorder

E. L. Hooker  
Deputy

fee \$2.00  
filed

File No. ....

T. 24 N. R. 53 E.

DUPLICATE

County Richland

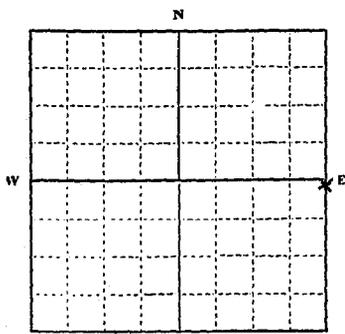
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1963

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. J. K. Kutha of Enid ~~Mont.~~ Mont.  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Mont.  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.F. 1/4 Sec. 25 T. 53 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 and house hill well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 10 1954 used continually for 4 hours a day

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 10 1954

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 specification of any other works for the withdrawal of groundwater gas casing 160 ft deep

10. The estimated amount of groundwater withdrawn each year 876,000

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 don't know

Signature of Owner J. K. Kutha  
Date Dec 31 - 1963

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

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

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

286767

STATE OF MONTANA, }  
County of Richland, } ss.

Filed this 2 day of  
January A. D. 1964  
at 9:04 o'clock A.M.

E. J. Hooker  
County Recorder  
Helen Burke  
Deputy

Fee 2.00  
filed

File No.....

224 N R 53

DUPLICATE

County Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE JAN 10 1964  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 31 1963

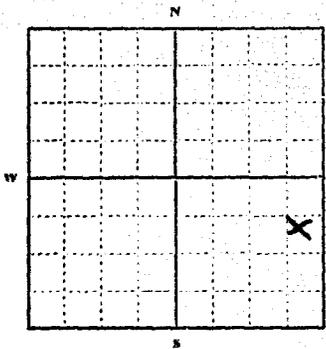
Owner John Huda Address Enid Mont

Contractor (if any) none

Address of Contractor .....

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

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



Surface spring water

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

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

Around water for Cattle  
200 head or more

Signature of Owner.....

Date.....

This form to be prepared by contractor (if any), otherwise John Huda

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located. Dec 31-63

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.

286770

STATE OF MONTANA, } ss.  
County of Richland, }

Filed this 2 day of  
January A. D. 1966  
at 9:07 o'clock A.M.  
E. F. Kerklin  
County Recorder  
E. L. Cook  
Deputy

fee \$2.00  
filed

File No. ....

T. 24 N. R. 33 E.

DUPLICATE

County Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

R

JAN 10 1964

STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 31 - 1963

Owner J. H. Hatha Address Emil mont

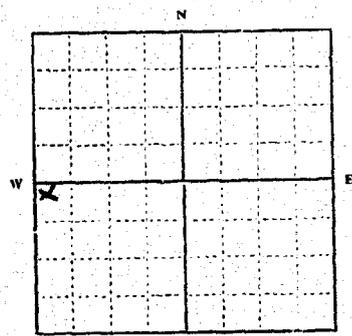
Contractor (if any) none

Address of Contractor .....

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

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

surface spring



SW 1/4 Sec. 25 T. 24 R. 33

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. year

around stock water

200 head of cattle or more

Signature of Owner J. H. Hatha

Date Dec 31 - 1963

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

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

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

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

286771

286771

STATE OF MONTANA, }  
County of Richland, } ss.

Filed this 2 day of  
January A. D. 19 61  
at 9:08 o'clock A.-M.

E. L. Koster  
County Recorder

E. Cask  
Deputy

fee \$2.00  
filed

RECEIVED  
JUL 30 1958

33

T. 24 N. R. 53 E  
County Richland

STATE ENGINEER  
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Alvin Paial Address Richley Mont.  
Driller David Gulbrau Address Lisney Mont.  
Date Started July 21, 1958 Date Completed July 26, 1958  
Location: Sec. 33 T. 24 R. 53 1/4 sec. NW

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

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

Casing: 0 ft. to 192 ft. Type steel Size 6 5/8

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

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

Perforated or Screened: Ft. 135 to ft. 192 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations 3/8 and 1/2 in holes

Static Water level, for non-flowing well: 139.6 from top \_\_\_\_\_ feet.

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

Pumping water level 170 feet at 15 gal. per min.

How tested: bailer

Length of test: 1 1/2 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
gravel packed with pea gravel

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	10	yellow clay
10	18	coal
18	57	blue clay
57	61	brown sandy clay
61	65	blue clay
65	79	coal
79	95	blue clay
95	162	blue sandy clay
162	175	blue sand and water
175	180	blue clay
180	186	blue sandy clay
186	187	blue shale
187	197	coal.

258667

STATE OF MONTANA,  
County of Richland, ss.

Filed this 28 day of  
at 12:55 P.M. of date 12.2.19  
A. D. 19 58  
by  
S. J. [Signature]  
County Recorder  
S. J. [Signature]  
Treasurer

RECEIVED  
SEP 8 1958

T. 24 N R. 53 E  
County Richland

33

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Alvin Patsi Address Richey, Montana  
Driller David Gulbrae Address Sidney, Montana  
Date Started July 21, 1958 Date Completed July 26, 1958  
Location: Sec. 33 T. 24 R. 53 1/4 sec. NW

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other:

Casing: 0 ft. to 197 ft. Type Steel Size 6-5/8

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 135 to ft. 197 Ft. to ft.

Type of screen or perforations 3/8 & 1/2 in. holes

Static Water level, for non-flowing well: 139.6 from top feet.

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

Pumping water level 170 feet at 15 gal. per min.

How tested: boiler

Length of test 1 1/2 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
gravel packed with pea gravel

(over)



File No. ....

T. 24 N. R. 53 E. 34

DUPLICATE

County Russell

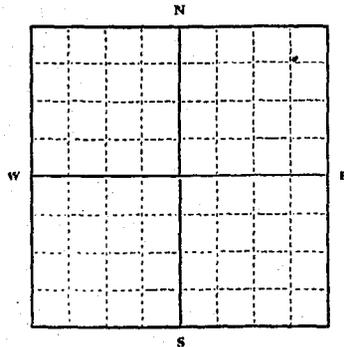
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Evelyn Williams, of 3112 ave. S.E. Sidney  
(Name of Appropriator) (Address) (Town)  
County of Russell State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Mont. Sec. 24, T. 24, R. 53  
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 well
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Nov. 1956  
Part time
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). unknown
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. none
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. pump & gas motor

- 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. 34 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. 1.5 in. steel casing, 34 feet deep
- 10. The estimated amount of groundwater withdrawn each year. unknown
- 11. The log of formations encountered in the drilling of each well if available. 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

Signature of Owner Evelyn Williams  
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  
29444

STATE OF MONTANA, } ss. 2816125  
County of Richland.

30 day of  
Dec. A.D. 19.63

9:17 P.M.  
C. L. Kooker  
County Recorder

D. J. Sullivan  
Deputy

fee: 200

filed

GROUNDWATER INDEX

County Richland Twp. 24N Rge. 54E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
7	Petrak Paul Jr.	57 Well Log	257891	
8	Tink Aaron	57 Well Log	258168	
9	Shuber Lloyd	47W2	285604	
10	Shuber Lloyd	47W2	287112	
12	Vaira Aldo	47W4	286475	
12	Vaira Aldo	47W4	286479	
12	Vaira Aldo	47W4	286477	
12	Vaira James P	47W4	286252	
18	Klasna Joseph B.	47W4	286739	
20	Hartland Harry G.	47W4	285626	
20	Hartland Walter G.	47W4	285318	
21	Klasna Kenneth	47W4	286339	
21	Klasna Kenneth	47W4	286337	
21	Klasna Kenneth	57 Well Log	265534	
21	Klasna Kenneth	47W4	286338	
23	Grassa Joe	47W2	289208	
23	Grassa Joe C.	47W4	286808	
28	Klasna Kenneth	47W3	286261	
30	Latta J C	47W4	286765	
30	Latta J C	47W4	286766	
30	Latta J C	47W4	286763	
34	Hudson Herald A.	47W4	286411	
	Linder Garfield E	47W4	286899	

RECEIVED  
JUN 10 1958

T. 54N R. 5: E <sup>7</sup>  
County Richland

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Paul Petrik Jr. Address 110 3rd Ave. Ew Sidney Montana

Driller Paul Petrik Jr. Address \_\_\_\_\_

Date Started May 14 Date Completed May 21

Location: Sec 7 T. 24 R. 54 1/4 sec. NW quarter

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

Water use: Domestic  Municipal  Stock  Irrigation

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

Casing: 0 ft. to 40 ft. Type steel Size 20 inch

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

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

Perforated or Screened: Ft. 30 to ft. 40 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations Holes drilled through curbing

Static Water level, for non-flowing well: Approx 30 feet feet.

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

Pumping water level: 35 feet feet at 4 gal per min.

How tested: Elongated pumping and measure with plumb and string

Length of test: \_\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
Gravel around curbing. cemented top lift pump run by power and pump jack.

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	10	silt, and hard pan clay
10	13	layer of pure sand and gravel
14	21	light sand
22	30	heavy sand and gravel
31	35	sand with mixture of coal and gravel
35	40	sand and very shiny coal and water
<del>41</del>		

257891

STATE OF MONTANA }  
 County of Richland, } ss.  
 Filed this 9 day of  
 April 1951  
 11:45 o'clock A.M.  
 S. J. [Signature]  
 County Recorder  
 [Signature]

T. 24N R. 54E

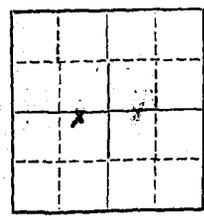
County Richland

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JUL 7 1958

WATER WELL LOG

STATE ENGINEER



Owner Arnon Fink Address Enid, Montana

Driller Fred Kallan Address Wiskey Mont

Date Started June 13 1958 Date Completed June 26-1958

Location: Sec. 8 T. 24 R. 54 1/4 sec. SE 1/4 NW 1/4 Sec 8

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

Water use: Domestic  Municipal  Stock  Irrigation

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

Casing: 35 ft. to 34 ft. Type 2 in. wood Size 24 in.

Casing: ~~30-34~~ ft. to ~~34~~ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

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

Perforated or Screened: Ft. 34 to ft. 54 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations Welded mesh screen

Static Water level, for non-flowing well: 26 feet.

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

Pumping water level: \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min.

How tested: Not tested

Length of test: \_\_\_\_\_

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

General pack to bottom of hole  
no gravel pack

(over)



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

T 24 N R 54 E 9

Richland  
County

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 6 1963

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Lloyd Sheehan Address Enid, Mont

Drill Simpson Drig. Co. Address Sidney, Mont

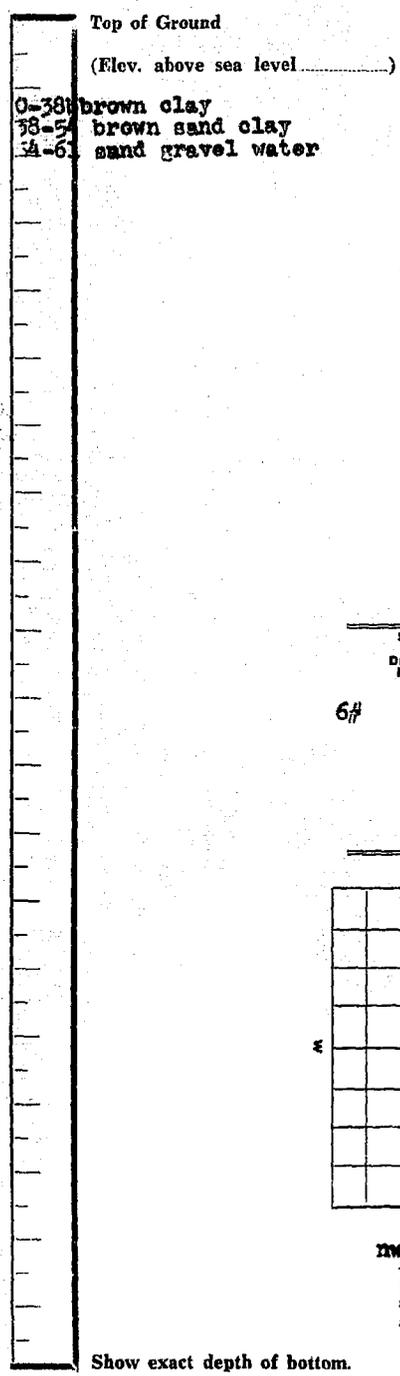
Date of Notice of appropriation of ground water \_\_\_\_\_

Date well started Oct, 2, 1963 Date Completed Oct, 2, 1963

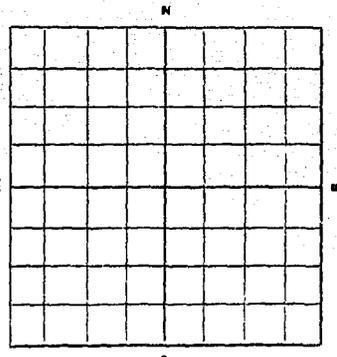
Type of well drilled Equipment used Churn  
(dug, driven, bored or Churn, drill, rotary or drilled) other)

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)
6"	4" 11#	0	52	none		



Static Water Level for non-flowing well 38 feet.  
Shut-in Pressure for Flowing Well \_\_\_\_\_  
Pumping Water Level 46 feet  
at 7 gal. per minute.  
Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested bailler  
Length of Test 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) \_\_\_\_\_

Show exact depth of bottom.

Simpson Drig. Co. Inc.  
Driller's License Number \_\_\_\_\_  
*[Signature]*  
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 Appropriator.

STATE OF MONTANA, }  
County of Richland, }

285604

filed this 5<sup>th</sup> day of

Dec A. D. 1963

at 11:20 o'clock A. M.

B. L. Kooker  
County Recorder

R. Atchison  
Deputy

fee: 2.00  
filed

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

T 2<sup>nd</sup> 24<sup>th</sup> R. 54 E 10

DUPLICATE

County Richland

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

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)

0-18 brown clay  
 18-42 sand mud coal  
 42-63 grey sandy shale  
 63-69 grey sand coal  
 69-72 coal  
 72-78 grey muddy sand  
 78-87 grey shale  
 87-95 grey sand shale  
 95-103 coal water

Owner Lloyd Sheehan Address Brockton, Mont

Driller Simpson Drig Co Address Malta, Mont

Date of Notice of appropriation of ground water \_\_\_\_\_

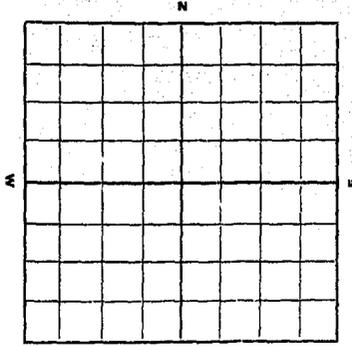
Date well started 8, Nov, 1963 Date Completed 9, Nov, 1963

Type of well drilled Equipment used churn drill  
(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)
6"	4" 1. d 11#	0	96	none		



$\frac{1}{4}$  Sec. 10 T. 24 R. 54  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing well 40 feet.

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

Pumping Water Level 80 feet  
at 20 gal. per minute.

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

How Tested bailer

Length of Test 1 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) \_\_\_\_\_

open hole 96-103

103

Show exact depth of bottom.

103

Driller's License Number

*Simpson Drig Co*  
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 Appropriator.

STATE OF MONTANA, } No. 289112  
County of Richland.

Filed this 20 day of Jan A. D. 19 62

at 9:40 o'clock, P. M.

E. P. Kender  
County Recorder

D. Sullivan  
Deputy

fee: \$ 2.00  
filed

GW

File No. ....

T. 24 N R. 54 E 12

DUPLICATE

County Richland

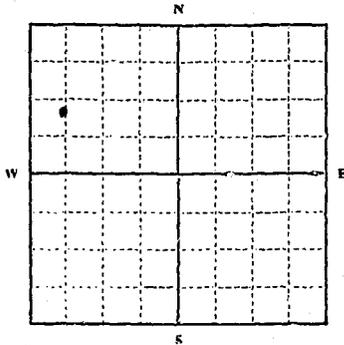
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECORDED  
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Aldo Vaira, of R Rt 2 Culbertson  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 of Sec. 12, T. 24 N. R. 54 E  
Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

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

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been. about 1929  
used the year 5 to 7 years  
has not been used since.

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute). don't know

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. at the  
stone windmill and  
Cylinder

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater. about 1929

8. The depth of water table. 75 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. drill 12.5 ft deep

10. The estimated amount of groundwater withdrawn each year. don't know

11. The log of formations encountered in the drilling of each well if available. don't know

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 Aldo Vaira  
Date Dec 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.

29769



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

DUPLICATE

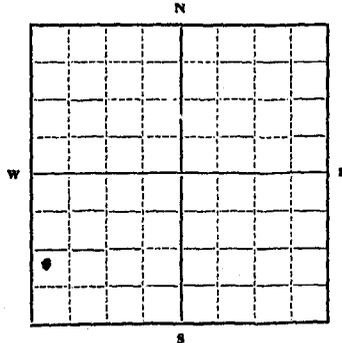
T 24N R 54 E 12  
County RichlandSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 30 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Aldo Vaira of Rt 2 Culbertson  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S-W 1/4 of Sec 12 T.24 R. 54

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.....  
hensstock use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
1932  
for the last 10 yrs not since
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
could not be pumped  
drp
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.....  
bucket & rope
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
1932
8. The depth of water table.....  
1 ft to water
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 by 4 tank dug  
19 ft deep
10. The estimated amount of groundwater withdrawn each year.....  
don't know
11. The log of formations encountered in the drilling of each well if available.....  
don't know
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.....

Date.....

Aldo Vaira  
Dec. 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.

29773

2-M. 2. 12 22 24

STATE OF MONTANA, } 286479  
County of Richland, } ss.  
Filed this 31 day of  
December A. D. 19 63  
at 11:19 o'clock, P.M.  
E. L. Kosken  
County Recorder  
E. Kosken  
Deputy

fee \$2.00  
filed

File No. ....

DUPLICATE

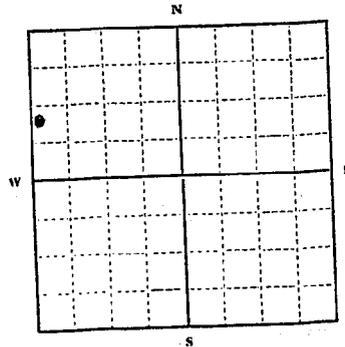
T. 24N. R. 54E 10  
County RichlandSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Aldo Vaira of R R 2 Culbertson  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 of Sec 12, T24, R54

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

2. The beneficial use on which the claim is based.....  
livestock use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
1934  
Ever since
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
1 gal a min for  
a 2 1/2" pipe
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.....  
pump jack and well  
cylinders
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
about 1934
8. The depth of water table.....  
30 ft. about 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.....  
24" lined  
24" lined 2.5' deep
10. The estimated amount of groundwater withdrawn each year.....  
all the water it produces
11. The log of formations encountered in the drilling of each well if available.....  
not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner

Aldo Vaira  
Date Dec 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