

STATE OF MONTANA, } ss. 394209
County of Richland,

Executed this 28 day of

Sept A. D. 19 72

at 9:32 o'clock P.M.

Walter Gierke

County Recorder

Jane Palacichuk

Deputy

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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

Developed after January 1, 1962

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

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

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

Owner **CITY OF SIDNEY**

Address **225 2nd St. S.E.
SIDNEY, MONT. 59270**

Date well started **11-7-65**

completed **7-17-66**

For Administrator's Use	
File	574208
	Sept 28, 1972
	2:30 P.M.
GW 1	

Type of well **DRILLED**
(Dug, driven, bored or drilled)

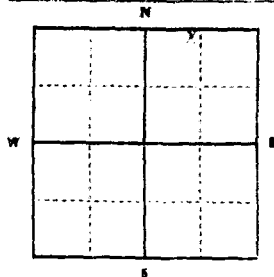
Equipment used **CABLE TOOL**
(Cable drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL **67 MILLION GALLONS**

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
14"	55# plain end	+4'	71	Johnson	72	110



Static water level **25** ft.*
Pumping water level **27** ft.*
at **300** gallons per minute,
measured **15** minutes after pumping began.
*Measured from ground level.
Well developed by **PUMPING**
for **48** hours
Power Pump **HP**
Remarks: (Gravel packing, cementing, packers, type of shaft)
NATURAL PACK WELL

1/4 Sec. 14
T. N. R. E.
S. W.

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

Driller's Signature
Driller's Address **Helena, Mont**

LICENSE NO. **29**

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)		1948
From (Feet)	To (Feet)	
0	4	Brown Clay
4	15	Gravel, Clay
15	30	Clay
30	40	Sand
40	45	Clay & Sand
45	69	Sand, Gravel, Coal
69	75	Sand, Gravel
75	77	Sand, Clay
77	84	Gravel, Clay, Coal
84	87	Gravel (hard pan)
87	88	Gravel
88	110	Gravel (hard pan)

110 Show exact depth of bottom

51,502

STATE OF MONTANA, } ss. 524308
County of Richland, }

Filed this 28 day of
Sept A. D. 1972
at 3:30 o'clock, P.M.

Helin Bieche
County Recorder
June Paladichuk
Deputy

File No.

T23N 22E R. 59E

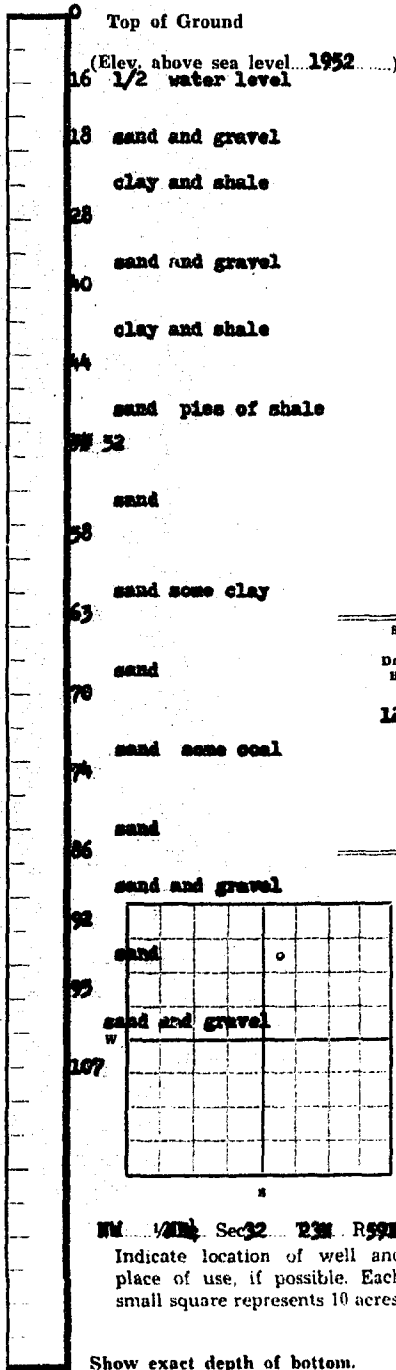
DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



Owner: CITY of SIDNEY Address: SIDNEY, MONTANA
 Driller: SIMPSON DRILLING CO. Address: MALTA, MONTANA
 Date of Notice of Appropriation of Groundwater
 Date well started: MAY 2, 1962 Date Completed: JUNE 25, 1962
 Type of well: DRILLED Equipment Used: GEUM
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)
 Water Use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
12	12 45 lb	0	72	Johnson stainless well screen	72	107
			slot 15		72	97
			slot 16		97	107

Static Water Level for non-flowing Well: 16 1/2 feet.
 Shut-in Pressure for Flowing Well
 Pumping Water Level: 52 feet at 700 gal. per minute.
 Discharge in gal. per min. of flowing well
 How Tested: slug Length of Test: 48 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)

Sec 32 T23N R59E
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

15
 Driller's License Number
Robert C. Simpson
 Driller's Signature

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

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

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

29603

STATE OF MONTANA
County of Hill

286309

Filed this 31 day of
December A.D. 1963

at 8:29 P.M.
C. L. Kasper
County Clerk

C. Cook

fee \$2.00
filed

File No.

T. R.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

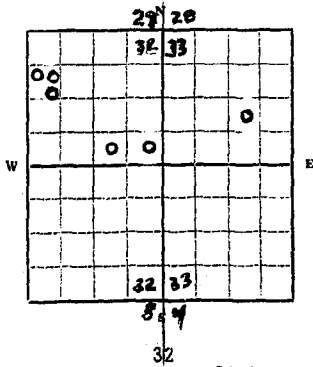
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. City of Sidney of 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:



1/4 Sec 33 T23NR. 59E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres. Note: See Item No. 12

2. The beneficial use on which the claim is based
Municipal Water Supply

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Two of the present six wells in use were constructed in 1989. Earlier wells have been abandoned.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2300 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 Does not apply

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Wells #1 & #3 - 1939; Well #2 abandoned; Well #4 - 1953; Wells #5 & #6 - 1980; Well #7 - 1982.

8. The depth of water table The static water level is between 15 feet and 20 feet in all cases.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Wells 1 & 3 - 45' deep, 16" steel casing - 20' Johnson Well Screen, gravel packed; Well #4 - 45' deep - 22" Kelly Concrete Casing and well screen; Well #5 - 42' deep - 24" steel casing - 10" Layne shutter type screen - gravel packed; Well #6 - 44' Deep - 20" steel casing - 5' Layne shutter type screen - gravel packed; Well #7 - 107' deep - 12" steel casing - 35' Johnson stainless steel well screen - natural gravel developed.

10. The estimated amount of groundwater withdrawn each year 240,000,000 gallons

11. The log of formations encountered in the drilling of each well if available Form GW2 for Well #7 - filled.

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. Well Locations - Well No. 1 - SE 1/4 of SE 1/4 of NE 1/4 of Section 32. Well No. 3 - SW 1/4 of SE 1/4 of NE 1/4 of Section 32. Well No. 4 - NW 1/4 of SE 1/4 of NW 1/4 of Section 33 - Well No. 5, 6, 7 - SW 1/4 of NW 1/4 of NE 1/4 of Section 33. All in Township 23 N, Range 59 E, Sidney, Richland County, Montana

Signature of Owner Harold L. Moore Mayor

Date 7-5-63

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

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

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

2,600

STATE OF MONTANA, }
County of Richland, } 766310

Filed this 31
December 1963
at 8:30 A.M.

E. L. Kooker
E. L. Kooker
County

for \$2.00
filed

File No.

T. 24 N 34 R 15

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

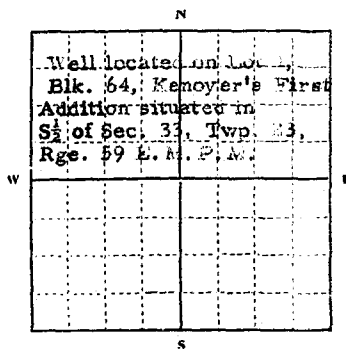
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 19 1963

STATE ENGINEER

1. P. V. Cooper, of 613 7th Avenue 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:



1/4 Sec. 33 T. 23 R. 59

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: reservoir and irrigation purposes
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1946 continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute): 7 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: Lots 1 & 10, Block 64, Kenoyer's First Addition to Sidney, Montana, approximately one-half acre. Owner: P. V. Cooper
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Cylinder pump well located on Lot 1, Blk 64, Kenoyer's First Addition.

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1946
- 8. The depth of water table: 9 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 7 feet deep with 7 inch steel casing.
- 10. The estimated amount of groundwater withdrawn each year: 116,000 to 200,000 gallons per 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: not of record

Signature of Owner: P. V. COOPER

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.

STATE OF MONTANA,
County of Richland,

285955

Filed this 17th day of
Dec A. D. 1963

at 1:30 o'clock P. M.

C. L. Kooker

County Clerk
R. Atchison
Deputy

Fee: 2.00
filed

33

File No.

T. 23 N. R. 59

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 10 1963

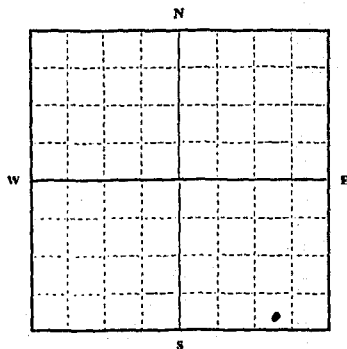
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John Hill of 706 9th 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:



SE 1/4 Sec. 23 T. 23 R. 59
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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
10 May 1956. Continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
three 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.....
Garden Plot (15' x 25') John Hill

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
May 10, 1956

8. The depth of water table.....
~~18XXX~~ Estimated -- two 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 1/2" Sand Point driven to 16 feet

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

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

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

Signature of Owner John Hill
Date December 9, 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.

8428

STATE OF MONTANA, } ss. 285637
County of Richland,

Filed this 9 day of

Dec A. D. 19 63

at 11:55 o'clock P.M.

E. L. Koehler
County Recorder

D. Sullivan
Deputy

fee 4.20
filed

File No. _____

T 23 N R 59 E

DUPLICATE

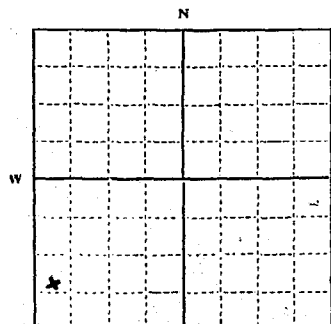
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ralph A. Kappel of Rte. 1 Box 165 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:



12.51 acres located in
SW 1/4 SW Sec 33 T 23 R 59

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 water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1939 - everyday since
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 is used only when ditch water is not available, for small garden plot.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal jet pump (electric)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1939
8. The depth of water table 30 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater sandpoint, about 20 ft.
10. The estimated amount of groundwater withdrawn each year 15,000 gallons
11. The log of formations encountered in the drilling of each well if available, not known for sure - believed to be sand and gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none known of

Signature of Owner Ralph A. Kappel
Date 1-3-64

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.

30152

286914

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

Filed this 3 day of

January A.D. 1964.

at 3:52 o'clock P.M.

G. J. Hooker

County Clerk

John Burke

Deputy

fee \$2.00
filed

23

File No.

T 23 N R 59E

DUPLICATE

County Highland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

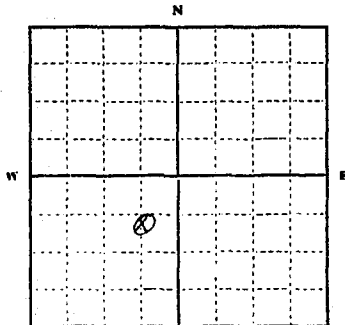
RECEIVED
DEC 26 1962

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John A. Lillis, of 507 7th St. S. E., Sidney, Montana
(Name of Appropriator) (Address) (Town)
County of Highland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lots 3 & 4, Blk 72, Kenoyer's Add.

1/4 Sec 33, T23N R. 59E

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 lawn watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been been in use for 26 years at least

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

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 about 1937

8. The depth of water table 33 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 point

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.

Signature of Owner J. A. Lillis

Date 12-23-62

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.

12035

STATE OF MONTANA

County of Richland

285888

23

day

Nov.

1963

9:40

L. L. Kasper

D. Sullivan

Deputy

filed

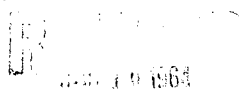
File No.

T. 23N R. 59E

DUPLICATE

County

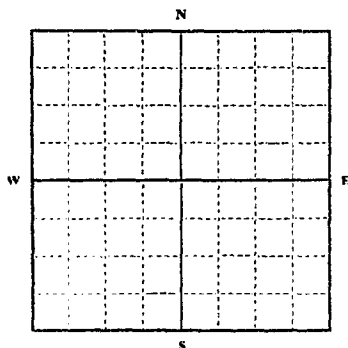
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Glyde W. Myers Jr. of Sidney, Montana 215 5th St SE
(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. 23N R. 59E

Indicate point of appropriation and place of use, if possible. Each small square represents 30 acres.

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1951. Has not been used at all to my knowledge.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 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 E 30' lot 4, All lot 5 Block 53, Kenyar's Addition, Section 33, T. 23N R. 59E, City of Sidney. Owner, Glyde W. Myers Jr.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal No pump on well now. Will be jet or piston-type pump installed. Located in basement of house on lots described above.

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

8. The depth of water table 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 Sandpoint. 2 1/2" casing. 18'.

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

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 Glyde W. Myers Jr.

Date December 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.

29509

286210

STATE OF TENNESSEE
County of _____

Subscribed and sworn to before me on this 30 day of December 1963

1:34 P.M.

E. L. Kooker

E. Cook

Fee \$2.00
Filed

File No.....

MONTANA WATER RESOURCES BOARD

T. 23 N. R. 59 E.

DUPLICATE

RECEIVED

County Richland

LOG

JUL 18 1969

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

33

Top of Ground
(Elev. above sea level 1945)

0-20 clay sand
20-27 gravel sand
24-26 sand
26-37 sand gravel

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Richland Co. Civil Defense Sidney, Montana

Driller S.C. Gendron Address Box 1702 Sidney, Mont

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

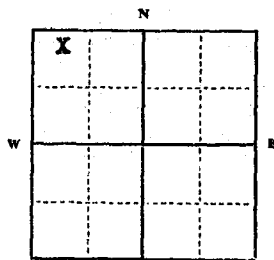
Date well started 24, June 1969 Date completed 30, June 1969

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Civil defense

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)
pitless	10" 40#	0	8'			
10"	8" 32#	8'	33'			



Static Water Level for non-flowing well 17 feet.

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

Pumping Water Level 37 feet at 20 gal. per minute.

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

How Tested pump

Length of Test 14 hours

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

5 1/2" stainless steel screen set in coarse sand

Indicate location of well and place of use, if possible. Each small square represents 40 acres.
nw 1/4 Sec 33 T. 23 N. R. 59 E.

(Continue on reverse side)

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

Block 9 origin townsite of Sidney, Montana

37 ft Show exact depth of bottom.

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

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

S.C. Gendron # 177

Driller's License Number

Driller's Signature

45443

STATE OF MONTANA, }
County of Richland, } ss. 311288

Filed this 17 day of
July A. D. 1969
at 1:30 o'clock P. M.
Helen Gierke
County Recorder
Lisa Olson
Deputy

*filed
no fee*

#7

RECEIVED

County Richland 33

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

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

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Ph. Thornton Livestock Co.
 Address Sidney, Mont.
 Date well started 12-28-1971
 completed 1-8-1972

For Administrator's Use
 File # 321480
Jan. 24, 1972 4:02 p.m.
 GW 1

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

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

ESTIMATED ANNUAL WITHDRAWAL 2.16,000 gal. per week

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS	
				Kind Size	From (Feet) To (Feet)
9"	8"	0	33		
5"	2" galv.	0	1200	1/2" thick slate	1150 1200

Static water level ft.*
 Pumping water level ft.*
 Flows 50 gallons per minute, measured minutes after pumping began.
 *Measured from ground level.
 Well developed by
 for hours.
 Power Pump HP
 Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature Francis Pope
 Driller's Address Sidney, Mont.

Top of Ground (Elev. above sea level) 1980

From (Feet)	To (Feet)	
0	18	soil and gravel
28	31	coal
31	63	gray clay
63	97	thin gray sand
97	103	thin layer of sandstone
103	174	gray clay
174	183	slate
183	315	gray shale
315	322	coal
322	334	gray shale
334	338	sandstone
338	344	shale
344	347	sandstone
347	492	gray shale
492	493	sandstone
493	602	gray shale
602	605	sandstone
605	831	gray shale
831	833	sandstone
833	1000	gray shale
1000	1150	gray sandy clay
1150	1200	carbonaceous shale

1200 Show exact depth of bottom

49,785

321480

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

Filed this 24 day of

January A. D. 19 72

at 4:02 o'clock, P.M.

Edwin Heide
County Recorder

Jay Costeney
Deputy

Filed
Fee \$2.00

File No.

T. 23 N. 39 E.

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

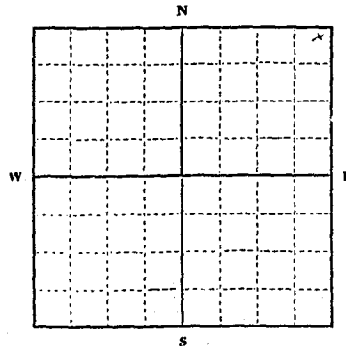
JAN 10 1968

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Ernest R. Poff, of Bassey 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:



10E 23N Sec 34 T 23 R 59

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. Drain water and livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Thirty yrs. Dringley
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 2
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.

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. 40-55 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. Well
10. The estimated amount of groundwater withdrawn each year. 2
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 Ernest R. PoffDate March 11, 1968

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.

29885

286592

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

Filed this 31 day of

December A. D. 1963

at 1:12 o'clock, P.M.

E. R. Koster

County Recorder

E. Cook

Deputy

Fee \$2.00
filed

File No.

T. 23 N. R. 59 E

DUPLICATE

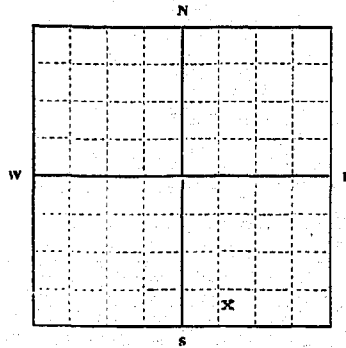
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Alice Jackson of 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:



SE 1/4 Sec. 35, T. 23, R. 59

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 only

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1931

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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
cylinder pump
SE 1/4 Sec. 35, Twp. 23 N. Rge. 59 E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1931

8. The depth of water table 12 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 driven well 2 inch pipe, 26 foot depth

10. The estimated amount of groundwater withdrawn each year 750,000 gallons per 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 not previously recorded

Signature of Owner ALICE JACKSON

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.

29782

STATE OF MONTANA, } ss. 286488
County of Richland,

Filed this 31 day of
December A. D. 1963

at 11:38 o'clock P. M.

Carl Larson
County Register

John Hurd
Deputy

for
filed

File No.

T. 23 N. R. 59 E.

DUPLICATE

County Richland

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

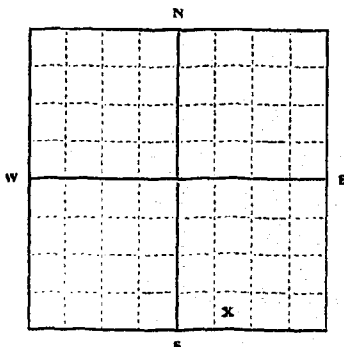
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alice Jackson, of 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:



SE 1/4 Sec 35 T. 23 N. R. 59 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 only.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1935

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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
Cylinder Pump
SE 1/4 Sec. 35, Twp. 23 N., Rgs. 59 E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1935

8. The depth of water table 12 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 Driven well 1 1/2 inch pipe 26 foot depth.

10. The estimated amount of groundwater withdrawn each year 300,000 gallons per 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 Not previously recorded

Signature of Owner ALICE JACKSON

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.

29781

STATE OF MONTANA, } ss. 286487
County of Richland,

Filed this 31 day of

December A.D. 1913

at 11:27 o'clock P.M.

E. J. Cooper
County Recorder

W. H. Burke
Deputy

fee 2.00
filed

File No.

T. 23 N R. 59

DUPLICATE

County Richland

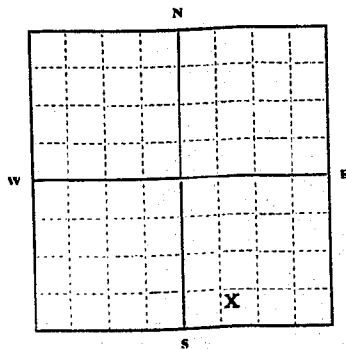
STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

JAN 20 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alice Jackson, of Sidney (Town)
 (Name of Appropriator) (Address)
 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 35 T. 23. R. 59.

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 only
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1951
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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
Cylinder pump
SE 1/4 Sec. 35, Twp. 23, Rge. 59 E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1951
8. The depth of water table. 12 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. Driven well 1 1/2 inch pipe 30 foot depth
10. The estimated amount of groundwater withdrawn each year. 300,000 gallons per 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. Not previously recorded

Signature of Owner ALICE JACKSON

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.

29787

STATE OF MONTANA, } ss. 286493
County of Richland,

Filed this 31 day of
December A. D. 19 63
at 11:33 o'clock P.M.

E. J. Walker
County Recorder
Helen Dierker
Deputy

for \$2.00
filed

File No.

T. 23 N. R. 59

DUPLICATE

County Richland

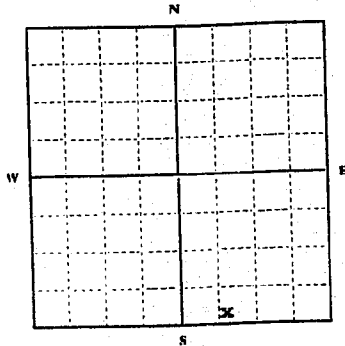
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alice Jackson, of 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:



SE 1/4 Sec 35 T. 23 R. 59

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 only

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1943

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal jet pump
SE 1/4 Sec. 35, Twp. 23 N., Rge. 59 E.

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

8. The depth of water table 12 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 driven well 1 1/2" pipe 26 feet depth

10. The estimated amount of groundwater withdrawn each year 400,000 gallons per 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 not previously recorded

Signature of Owner ALICE JACKSON

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.

29756

T 23^d R 59^E 38

File No.

County **Richland**

DUPLICATE

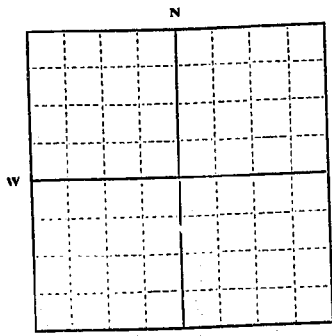
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

10 1964
11 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Centre Theatre Inc.**, of **Sidney** (Town)
(Name of Appropriator) (Address)
County of **Richland** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 3, Blk 18, O.T., Sidney, Mont.
1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based **air conditioning**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1947 & continuous**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **25 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 **well with pump**
Lot 3 Block 18, Original Townsite, Sidney, Mont.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **1947**
8. The depth of water table **15 feet - 30 feet**
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater **2 inch well, 25 feet deep, electric pump**
10. The estimated amount of groundwater withdrawn each year **600,000 gallons**
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.**

Centre Theatre Inc.
Signature of Owner **R. E. SUCKSTORFF**
Secretary-Treasurer
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.

29896

286602

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

Filed this 31 day of
December A. D. 19 43
at 1:22 o'clock, P.M.

E. L. Kasher
County Recorder
E. L. Kasher
Deputy

Fee \$2.00
filed

File No. _____

T. 23 N. R. 59 E

DUPLICATE

County Richland

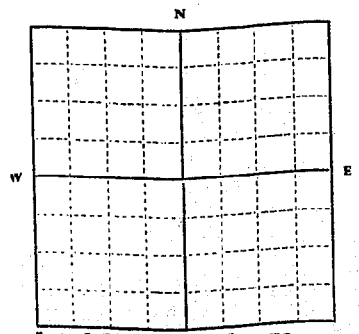
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

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

1. Edith P. Obergfell, of 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:



Lot 6 Block 3s Gardeners
Addition to Sidney Montana
1/4 Sec 32 T. R.

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

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

3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been 1961 and been in use since

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

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

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

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

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 Sandpoint approx. 20 feet deep

10. The estimated amount of groundwater withdrawn each year 50,000 Gal

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 Edith Obergfell

Date January 3, 1964

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

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

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

30151

286913

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

Filed this 3 day of
January A. D. 1964
at 3:51 o'clock P. M.

G. J. Hooker
County Recorder
Helen Luerke
Deputy

by 200
filed

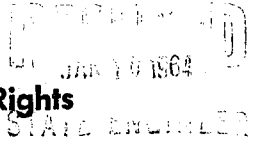
File No.....

T. 23 N. R. 59 E.

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



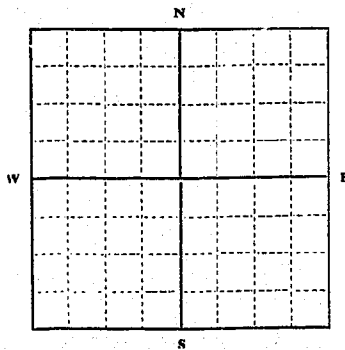
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Richland

1. Richland County Hotel Association, a corporation, of 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: -



Lot 6, Block 18, O. T., Sidney
1/4 Sec 3 T. 3 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.....
air-conditioning

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
1956 and continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... 220 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.....
electric pumps
Lot 6 Block 18, Original Townsite, Sidney, Montana

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
4 wells - 1956
12 wells - 1962

8. The depth of water table..... 30 - 40 feet deep

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.....
electric pumps, all approximately 35 feet deep

10. The estimated amount of groundwater withdrawn each year..... 15,000,000 gallons per year

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

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 applicable

Richland County Hotel Association

Signature of Owner S. A. ANDERSON

Date December 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.

286231

STATE OF MONTANA
County of Richland

Filed this 30 Dec 1963

at 216 P. Kasher

D. Sullivan
County Clerk
Deputy

fee \$2.00
filed

File No.

T. 23N R. 59E

DUPLICATE

County Richland

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Top of Ground	(Elev. above sea level.....)
0-	18 clay sand
18-	76 sand
76-	87 gravel sand water

Owner Maurice Sandmeyer Address Sidney, Mont.

Driller E.C. Gendron Address Sidney, Mont.

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

Date well started April 30, 1960 Date completed May 1, 1960
drilled churn drill

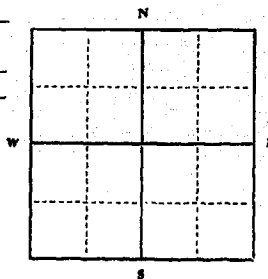
Type of well..... Equipment used.....
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6" x 1" x 18.97#	0	87	starch slots	82	84

Doc. No. 314296
Filed for record
this 30th day of March
A. D. 19 70, at 10:35
o'clock P. M.



Static Water Level for non-flowing well 74.7' feet.

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

Pumping Water Level 72.7' feet
4 gal. per minute.

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

How Tested pump

Length of Test 24 hrs

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

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

(Continue on reverse side)

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

Addition: Sid Bach's 3rd

Lots 6 D; Less S 10' 7 D

77' Show exact depth of bottom.

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

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

Driller's License Number

E.C. Gendron
Driller's Signature.

MONTANA WATER RESOURCES BOARD
RECEIVED

MAR 31 1970

STATE OF MONTANA, } ss. 314296
County of Richland,

Filed this 30 day of
March A. D. 19 70

at 10:35 o'clock, A. M.

Helena Tierke
County Recorder

Lain Olson
Deputy

200
filed

33

T. 23 N R. 59 E

County Richland

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Carl E. Husley Address 222 8th Ave N.E. Sidney Montana

Driller Self Address Same

Date Started Aug. 1st Date Completed Aug. 1st

Location: Lot 7 & 8 Block 12 Kenoyes Addition To Sidney
Sec. 1 T. R. 1/4 sec.

Type of well Driven Equipment used Hand Driven & Cap
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

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

Casing: none ft. to _____ ft. Type _____ Size _____

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

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

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

Type of screen or perforations Sand Point #60 Gauge

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

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

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

How tested: _____

Length of test Flow was Tested for a Period of 7 hours The pump is a Gould Pump with one & one fourth Inlet and Three fourths inch out let Pressure 20-40

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Well is 23ft. deep and Has Gravel Packing Around the Driven Pipe

[Signature]
STATE ENGINEER

(over)

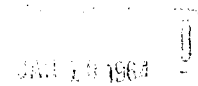
File No.....

T. 23N R. 39E

DUPLICATE

County... Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

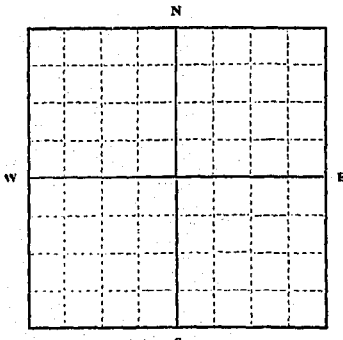


Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alex Hill and Christine Hill, husband and wife Lambert
(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:



Lots 3 & 4, Block 36, Kenoyer's 1st Addition, Sidney, Montana

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 only

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
5 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.....
garden and lawn only

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Jet Pump
Lots 3 & 4, Blk 36, Kenoyer's 1st Addition, Sidney, Montana

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
1928

8. The depth of water table.....
12 feet deep

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.....
Sandpoint 1 1/2 inch steel pipe 21 feet deep

10. The estimated amount of groundwater withdrawn each year.....
200,000 gallons per 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.....
Not previously recorded

ALEX HILL

Signature of Owner.....CHRISTINE HILL

Date.....December 30, 1963

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

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

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

STATE OF MONTANA }
County of Richland, } ss. 286521

Filed this 31 day of

December A. D. 1963

at 12:01 o'clock, P.M.

E. L. Keoper
County Recorder

E. L. Keoper
Deputy

*for 3200
filed*

T13 R59E 33

File No.

lot block
T 3 R 42 - Sidney

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

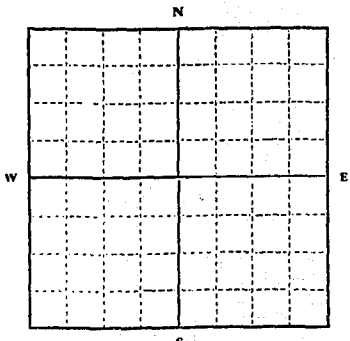
RECEIVED
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Clifford V. Martin of 622 3rd. St. S.E. Sidney, Mont.
(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:



1/4 Sec 33 T13N R59E

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1947

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5,000 gallons per month

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 electric pressure system

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1947

8. The depth of water table 22 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 point and pressure system

10. The estimated amount of groundwater withdrawn each year 60,000 gallons estimate

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 nothing

Signature of Owner Clifford V. Martin

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.

29520

286221

STATE OF ALABAMA,
County of Baldwin,

Filed this 30 day of
Dec. 1963

at 1:56 P.M.
E. L. Kooker
Notary Public

A. Sullward
County

fee # 200
filed

T23NR59E

33

File No. _____

Lot 3 Block 42 Sidney
 County Richland

DUPLICATE

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

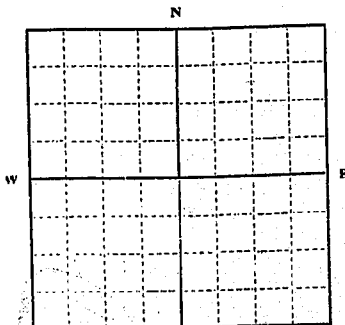
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Clifford V. Martin of 622 3rd St. S.E. Sidney 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:



1/4 Sec 33 T23NR59E

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 sprinkling lawn

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1952

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

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 rotary pump with electric motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1952

8. The depth of water table 22 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 point and rotary pump with electric motor

10. The estimated amount of groundwater withdrawn each year 24,000 gallons - estimate

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 nothing

Signature of Owner Clifford V. Martin
 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.

29519

286220
STATE OF MONTANA, }
County of Richland, } ss.

Filed this 30 day of
Dec. A. D. 1963
at 1:54 P. M.

E. L. Koster
County Recorder
A. Sullivan
Deputy

file # 203
file

File No.

T. 23N R. 59E

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

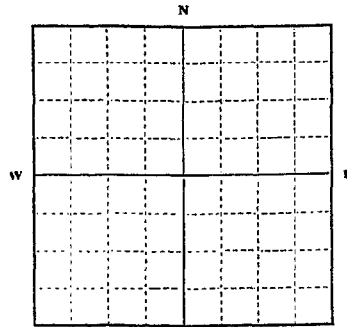
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lloyd C. Peterson, of 109 7th Ave. S.W., 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:



Sidney of Sidney lot 3 - 11
1/4 Sec 23 T. R.

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

2. The beneficial use on which the claim is based on water
used for household purposes and lawn sprinkling

3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 27, 1952 and continuous
to present date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Previous use 1/4 people. At present estimate
2 people e.s. 48 gal., h.w. 65 gal. per day, slightly high.

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
Only for lawn sprinkling on above address
property.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August 27th 1952

8. The depth of water table Not measured

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 sealed, surface driven pipe 1 1/2" depth 30' from base
main floor.

10. The estimated amount of groundwater withdrawn each year Pro-rated over winter & summer seasons
about 73,000 gal.

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.

Signature of Owner Lloyd C. Peterson
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. 286630
County of Richland, }

Filed this 31 day of

Dec. A D 1963.

at 1:50 o'clock

E. J. Hooker

County Recorder

B. Atchison

Deputy

fee: 200
filed

GW

File No.

DUPLICATE

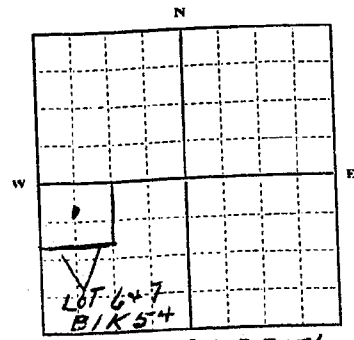
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 23N R. 59E
County Richland
S10 K. S 60' OF E 15'
S 60'
Lot 6 & 7 BIK 54
Sidney, Townsite

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

JAN 10 1964

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:



Sidney K. S 60' OF E 15'
S 60'
LOTS 6 & 7 BIK 54 Sidney
Townsite
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. Dec 10, 1959
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 6000 sq ft
in lawn, trees, ect
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. Dec 10, 1959
- 8. The depth of water table. 10 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. driven well - 21 ft deep
1 1/4 in. pipe 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 Harold Rhines
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. 39481

STATE OF MONTANA, }
County of Richland, } \$ 286177

Filed this 30 day of
December 63.

at 12:28 o'clock P.M.
E. L. Kooker
County Recorder
E. L. Kooker
Deputy

fee \$ 2.00
filed

File No.

T23N R. 59E

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

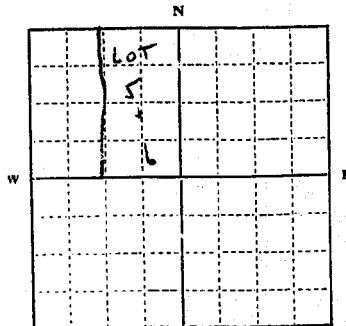
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Clarence W. Smith & Annie M. Smith of 513 7th St. Se. Sidney, Mont.
(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:



Lots 5 & 6 Block 72 Kenoyers Addition to Sidney, Mont.

1/4 Sec. T. R.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1956, continuously for 5 yrs. each year since.

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 Lots 5 & 6 Block 72 Kenoyers Addition to Sidney, Mont.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Piston Type Pump powered by electric motor.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1956

8. The depth of water table 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 1 1/2" Pipe with Sand Point (Driven)

10. The estimated amount of groundwater withdrawn each year 50,000 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 Clarence W. Smith

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. 286672
County of Richland, }

Filed this 31 day of

December, D. 1963

at 2:37 o'clock P.M.

G. J. Kosker
County Recorder

Helen Lierker
Deputy

for \$⁰⁰
filed

File No.

T 23N R 59E

County

DUPLICATE

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

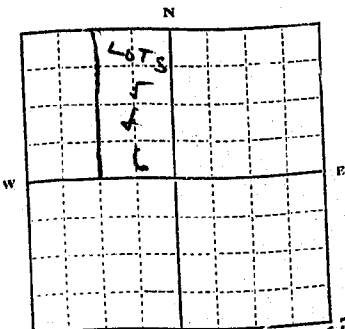
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Clarence W. Smith and Annie M. Smith, of 513 7th St. SE Sidney, Mont.
 (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:



LOTS 5+6 BLK 72 - KENYON'S ADD

1/4 Sec. T. R.
 Indicates point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based. Irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1955, continuously for 5 mos. each year since
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. lots 5 & 6 Block 72 Kenoyers Add. to Sidney, Mont.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Piston Type pump powered by electric motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. June 1955
8. The depth of water table. 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. 1 1/2" dia. with Sand Point (Driven)
10. The estimated amount of groundwater withdrawn each year. 100,000 gallons
11. The log of formations encountered in the drilling of each well if available. 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 Clarence W. Smith
 Date Dec. 31, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
 Please answer all questions. If not applicable, so state, otherwise the form will be returned.
 Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

STATE OF MONTANA, } ss. 286673
County of Richland, }

Filed this 31 day of

December A.D. 1963

at 2:33 o'clock P.M.

E. L. Lockie

County Recorder

Deputy

for 20⁰⁰
filed

GV.

File No.

DUPLICATE

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

RECEIVED
MAY 20 1964

T. 23rd R. 60th S. 5

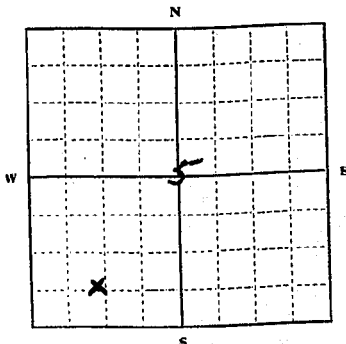
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harold Dahl of 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:



SW 1/4 Sec 5 T. 23 R. 60

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. Honey, Stock Garden & Lawn irr.
- Date or approximate date of earliest beneficial use; and how continuous the use has been. 1930
- The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gal. per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- The 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. 1930

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. dry well 7 ft X 7 ft. 30 ft deep

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 Harold Dahl
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.

29729

STATE OF MONTANA, } ss. 286425
County of Richland, }

Filed this 31 day of

December A. D. 1962

at 10:35 o'clock P. M.

E. L. Laska
County Recorder

W. L. Laska
Deputy

Fee 2.00
filed

3041 1/15

11 100

6

227000

GW 2 STATE WATER DEPARTMENT

File No. **RECEIVED**

DUPLICATE JAN 3

LOG

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

T. **23 N. R. 60 E**

County **Richland**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground (Elev. above sea level) **about 1920**

to 5 ft. **sandy fill dirt**

to 12 ft. **soft brown sandy soil**

to 19 ft. **Dark brown sandy soil**

to 21 ft. **Harder sand & coal chips**

to 36 ft. **Dark gray sand**
a little water in sand at 24 to 28 ft. area.

to 37 ft. **Coarse gray sand and big gravel—lots of water here.**

End of well:

Owner **Edward J. Ferguson** Address **Sidney, Mont**

Driller **P. J. Petersen** Address **Sidney, Mont**

Date of Notice of appropriation of groundwater **Dec. 20 - '68**

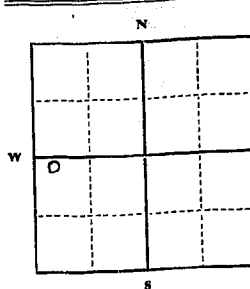
Date well started **Nov. 4 - '68** Date completed **Nov. 6 - '68**

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)		To (Feet)		PERFORATIONS			
		From	To	Kind Size	From (Feet)	To (Feet)			
7 inch	6" O.D. 9Wt. 10.50# per ft.	Surface	37						none



Static Water Level for non-flowing well **15** feet.

Shut-in Pressure for Flowing Well **none**

Pumping Water Level **18** feet

at **5** gal. per minute.

Discharge in gal. per min. of flowing well

How Tested **Drill bailer**

Length of Test **1 hr.**

Remarks: (Gravel packing, cementing, packers, type of shutoff) **5 foot deep**

pick dug for pump installation, with cover for protection.

1 foot gravel pack. (Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition). **not so used**

N.W. 1/4 of S.W.

37 feet

Show exact depth of bottom.

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

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

111
Driller's License Number

P. J. Petersen
Driller's Signature

44, 96-3

308484
STATE OF MONTANA }
County of Richland, } ss.

Filed this 16 day of

January A. D. 1969

at 10:40 o'clock, P. M.

Helene Herke

County Recorder

Lisa Stanford

2.00

filed