

286406

STATE OF MONTANA, } ss.
County of Richland.

Filed 31 day of
December 1962
at 10:06 o'clock P.M.

E. L. Keckler
County Recorder
Walter Burke
Deputy

fee 2.00
filed

County Richland 28

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 Oskar...2...Loraynd...Fuglostad

ad For Administrator's Use

Address 524 3rd St., S.E.

File 319723

Sidpa v. Montana

1:25 PM

Date well started 7-7-71

GW 1

completed ...2-8-71

Type of well Driven

(Dug, driven, bored or drilled)

Equipment used

(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 100,000 GAL.

Size of Drilled Hole	Size and Weight of Casting	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
Sandpoint- not applicable						

Static water levelft.*
Pumping water levelft.*
atgallons per minute,
measuredminutes after pumping
began.

*Measured from ground level.

Well developed by
for hours.

Power..... Pump..... HP
Remarks: (Gravel packing, cementing,
packers, type of shut-off)

SW 1/4 Sec. 28
T. 23 N. R. 59 E.
C W

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

Driller's Signature _____

Driller's Address

LICENSE NO.

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) 1950

From (Feet)	To (Feet)
	Sandpoint, Not Applicable

22 26. Show exact depth of bottom

418763

319723

STATE OF MONTANA, } ss.
County of Richland,

Filed this 19th day of

July A.D. 1921

at 1:25 o'clock P.M.

Doris Burke
County Recorder

Carol Conroy
Deputy

Fee: \$2.00
filed

28

T. 23N R. 59E
County Richland

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

Owner Arthur & Corbin Miller Address Liberty, Wyo.
Driller Self - hand point Address Liberty, Wyo.
Date Started Sept. 1-46 Date Completed Sept. 1-46
Location: Sec. 28 T. 23 R. 59 1/4 sec. 2 acres intro.

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

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

Casing: _____ ft. to 25' ft. Type _____ Size 1 1/2 pipe

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 _____

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

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

Pumping water level 25' feet at _____ gal. per min.

How tested: Electric pump

Length of test _____

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

(over)

STATE OF MONTANA }
County of Richland, } ss.
Filed this 29 day of
December A. D. 19 61
at 2.06 o'clock P. M.
E. L. Kasper
County Recorder
C. Hawley
Deputy

Depth, feet		Description of Material Drilled	Date Filed	County Recorder	Deputy
From	To				
			274709	STATE OF MONTANA } County of Richland, }	
			Filed this 29 day of November A.D. 1961 at 2:06 o'clock P.M.	E. L. Kooen County Recorder	C. Hambley Deputy

File No.

T 23N R 59E

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)

State Of Montana

Agricultural Experiment Station

1 Eastern Montana Branch Station

of Box 393

Sidney

(Name of Appropriator)

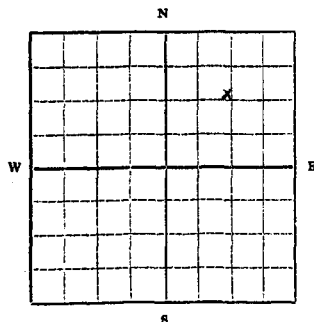
(Address)

(Town)

County of Richland

State of Montana

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



NE 1/4 Sec 28 T3N 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 Domestic water supply for main residence building at station.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been March, 1958. Use has been continuous since that time.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Up to 8 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 excepting for lawns and garden plantings.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Water is withdrawn by means of an automatic home pressure system and pump. Pump is attached to a sandpoint at a 22 foot depth from the surface of the ground.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Drilling of well commenced and completed in one day during March, 1958.
8. The depth of water table About 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 Well consists of a driven sandpoint which is connected to the pump by a 1 1/2 inch pipe. Well is 22 feet deep from the surface of the ground.
10. The estimated amount of groundwater withdrawn each year 300,000 gallons
11. The log of formations encountered in the drilling of each well if available Clay to a depth of 12 feet where a minor gravel formation with some water is encountered. Below this is clay to a depth of 21 feet where a gravel formation with water is encountered.
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

MONTANA AGRICULTURAL EXPERIMENT STATION

Signature of Owner

J. A. Asleson
By J. A. Asleson, Director

Date January 23, 1963

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

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

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

STATE OF MONTANA, }
County of Richland, }

Filed this 13 day of

Feb A. D. 19 63

at 3:10 o'clock, P. M.

E. L. Kasper

County Recorder

D. Sullivan

Deputy

filed

File No.

T. 23N R. 59E

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

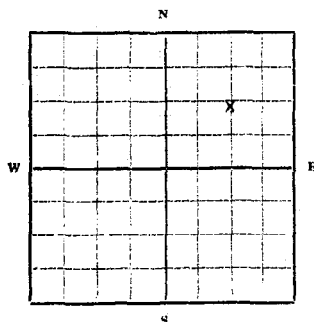
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

State of Montana
Agricultural Experiment Station

1. Eastern Montana Branch Station, of Box 393 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:



NE 1/4, Sec. 28, T. 23N 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 Domestic water supply for station office building.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been July, 1956. Use has been continuous since that date.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Up to 8 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 excepting for lawn plantings.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Water is withdrawn by means of an automatic home pressure system and pump. Pump is attached to a sandpoint at a 22 foot depth from the surface of the ground.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Driving of well commenced and completed in one day during July, 1956.
8. The depth of water table About 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 Well consists of a driven sandpoint which is connected to the pump by a 1 1/2 inch pipe. Well is 22 feet deep from the surface of the ground.
10. The estimated amount of groundwater withdrawn each year 150,000 gallons
11. The log of formations encountered in the drilling of each well if available Clay to a depth of 12 feet where a minor gravel formation with some water is encountered. Below this is clay to a depth of 21 where a gravel formation with water is encountered.
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

MONTANA AGRICULTURAL EXPERIMENT STATION

Signature of Owner J. A. Asleson
by J. A. Asleson, Director
Date January 23, 1963

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

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

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

STATE OF MONTANA, } ss. 28/095
County of Richland,

Filed this 13 day of

Feb A. D. 1963

at 3:08 o'clock, P. M.

E. L. Koster

County Recorder

D. Sullivan

Deputy

Filed

File No.

T. 23N R. 59E

DUPLICATE

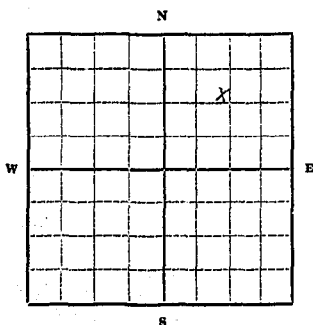
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

State of Montana
Agricultural Experiment Station
1. Eastern Montana Branch Station, of Box 393 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:



NE 1/4 Sec. 28 T. 23N 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 Domestic water supply
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Usage of well began in Dec. 1949 and was continuous until March, 1958. Use of well was temporarily discontinued at that time.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Up to 8 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 excepting for lawn and garden plantings.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal No means available at present for withdrawing water. Home water system may be installed at later date.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well drilling commenced and completed in August, 1949.
8. The depth of water table About 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 Well is of 4 inch diameter and is cased to its full depth. Well is suitable for use with a home water system. Well is about 40 feet deep.
10. The estimated amount of groundwater withdrawn each year None at present.
11. The log of formations encountered in the drilling of each well if available This information not available since whereabouts of driller unknown at present time
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

MONTANA AGRICULTURAL EXPERIMENT STATION

Signature of Owner J. A. Asleson
J. A. Asleson, Director
Date January 23, 1963

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

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

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

3634

1963 FEB 14 PM 11 00

RECEIVED
COUNTY CLERK
RICHLAND COUNTY

STATE OF MONTANA, } ss. 281097
County of Richland, }

Filed this 13 day of

Feb A. D. 19 63

at 3:12 o'clock P. M.

E. H. Koster
County Recorder

A. Sullivan
Deputy

Filed

File No.

DUPLICATE

T 23N R 59E

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)

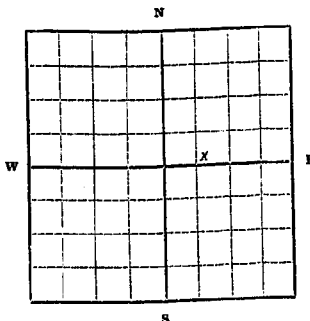
RECEIVED

STATE ENGINEER

State of Montana
Agricultural Experiment Station

1. Eastern Montana Branch Station, of Box 393 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:



NE 1/4 Sec. 28, T.23N 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 Domestic water supply for foreman's residence at the station.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been January, 1952 - Use has been continuous since that date.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Up to 8 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 excepting for lawn and garden plantings.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Water is withdrawn by means of an automatic hose pressure system and pump. Pump is attached to a sandpoint at a depth of 21 feet from the surface of the ground.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Driving of well commenced and completed in one day during January, 1952.
8. The depth of water table About 21 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 consists of a driven sandpoint which is connected to the pump by a 1 1/2 inch pipe. Well is about 21 feet deep from the surface of the ground.
10. The estimated amount of groundwater withdrawn each year 250,000 gallons
11. The log of formations encountered in the drilling of each well if available Clay to a depth of 12 feet, 1 foot layer of gravel with some water, and clay from this layer to 20 feet where a gravel and water layer is encountered.
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

MONTANA AGRICULTURAL EXPERIMENT STA.

Signature of Owner J. A. Asleson
by J. A. Asleson, Director
Date January 23, 1963

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

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

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

STATE OF MONTANA, { #281247
County of Richland,

Filed this... 22... day of

Feb A. D. 1963

at... 1:47... o'clock, P. M.

E. J. Kasper
County Recorder

D. Sullivan
Deputy

Filed

File No.

T. 23N R. 59E

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)

State of Montana

Agricultural Experiment Station

1. Eastern Montana Branch Station

(Name of Appropriator)

of Box 393

(Address)

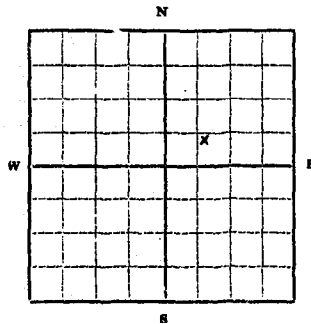
Sidney

(Town)

County of Richland

State of Montana

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



NE 1/4 Sec. 28 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 Livestock watering and general farm useage such as source of water for spraying.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been November, 1956. Use has been continuous since that date.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Up to 8 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 excepting for garden and lawn plantings.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Water is withdrawn by means of an automatic home pressure system and pump. Pump is attached to a sandpoint at a depth of 21 feet from the surface of the ground.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Driving of well commenced and completed in one day during November, 1956.
8. The depth of water table About 21 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 consists of a driven sandpoint which is connected to the pump by a 1 1/2 inch pipe. Well is about 21 feet deep from the surface of the ground.
10. The estimated amount of groundwater withdrawn each year About 100,000 gallons.
11. The log of formations encountered in the drilling of each well if available Clay to a depth of 12 feet, 1 foot layer of gravel with some water, and clay from this layer to 20 feet where a gravel and water layer is encountered.
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

MONTANA AGRICULTURAL EXPERIMENT STATION

Signature of Owner.

by J. A. Asleson, Director

Date January 23, 1963

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

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

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

STATE OF MONTANA, }
County of Richland, }

Filed this 13 day of

Feb A. D. 1943

3:06 o'clock, P.M.

E. L. Fisher

County Recorder

D. Sullivan

Filed

File No.

T. 23 N R. 59 E

DUPLICATE

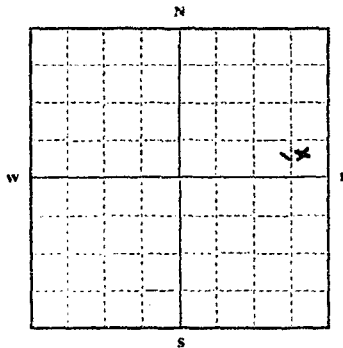
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Henry H. + Rebecca Andersen, of Sidney Mont. Route #1
 (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. 1/4 NE 1/4 Sec 29, 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. Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Jan 1, 1920
continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 3 gallons per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Sand gravel with 10' pipes + pump hole

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

8. The depth of water table. 16 ft. Well 18 ft in depth

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.

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

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 H. H. Andersen

Date Jan 2 - 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.

3018

STATE OF MONTANA, }
County of Richland, }

286861

Filed on 3 day of

January A. D. 1964

at 9:45 o'clock, A. M.

C. L. Kooker

County Rec.

C. Cook

Deputy

• fee \$2.00

filed

File No.

OCT 11 1966

T. 23N. R. 59E

DUPLICATE

 Billie _____ McDermott _____
 Sullivan _____ McNulty _____
 Coyne _____ Morton _____
 Darlington _____ Sullivan _____
County Richland

LOG

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

Notice of Completion of Groundwater Appropriation by Means of Well

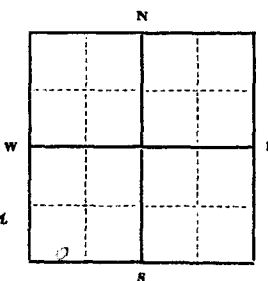
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Clifford and Miriam Kallein Address Sidney, MontDriller Pey J. Petersen Address Sidney, MontDate of notice of appropriation of groundwater May 7 - '66Date well started May 3 - '66 Date completed May 6 - '66Type 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 ☒ Repair shop

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 inch	6" O.D. surface	28		none		
	9 1/4"					
	10" 30' per ft.					

Static Water Level for non-flowing well 18 feet.Shut-in Pressure for Flowing Well nonePumping Water Level 21 feet at 5 gal. per minute.Discharge in gal. per min. of flowing well none

Drill Bailer & pump

Length of Test 2 hoursRemarks: (Gravel packing, cementing, packers, type of shutoff) Pump unit installed in 17 ft. pit with cover for protection
 1/4 Sec. 29 To 23 R. 59
 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).

This well supplies water for repair shop, also grass and tree area.
28 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.

Driller's License Number 111Driller's Signature Pey J. Petersen

41,505

299166

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

Filed this 10 day of
October A.D. 1966
at 3:00 o'clock P.M.
Walter D. Smith
County Recorder

Deputy

File No.

T. 23 N. R. 59 E.

DUPLICATE

County Richland

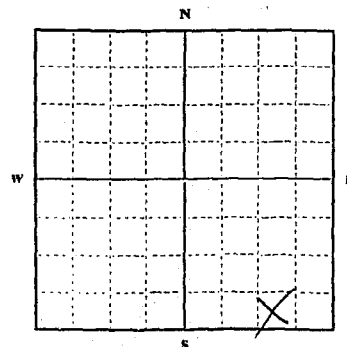
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Centre Theatre Inc., a corporation 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:



SESE Sec. 30 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.
cooling motion picture projectors and domestic use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1951 and 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.
4 inch well with turbine pump
SESE Sec. 30, T. 23 N. R. 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 90 to 120 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.
4 inch well, 95 feet deep, turbine drive pump

10. The estimated amount of groundwater withdrawn each year 250,000 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.

29898

286604

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

Filed this 31 day of
December A. D. 1963
at 1:24 o'clock, P. M.

E. L. Kasker

County Recorder

E. Lask

Deputy

fee \$200
filed

File No.

Doc. No. 313363T. 23N R. 59E

DUPLICATE

Filed for record

this 17 day of JanuaryCounty RichlandA. D. 19 70, at 11:30

STATE OF MONTANA

o'clock 2 M.ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

LOG

Top of Ground
(Elev. above sea level) 1995

8 ft. hard yellow clay
13 ft. sandy yellow clay
31 ft. sandy gray clay
33 ft. hard shale clay 2 1/2 gals. water
59 ft. sandy blue clay
63 ft. gray clay
66 1/2 ft. Coal layer
68 ft. hard gray clay
97 ft. sandy gray clay-dry
113 ft. sandy blue clay
120 ft. sandy gray clay
121 ft. Coal layer
125 ft. hard gray clay
127 ft. dark brown clay
127 ft. gray clay
138 ft. blue clay
142 ft. sandy gray clay
145 ft. small gravel-like water
145 1/2 ft. Coal layer
147 ft. gray clay
166 ft. soft coal
167 ft. hard gray clay
184 ft. Coal layer
185 ft. hard gray clay
193 ft. blue clay
204 ft. gray clay
215 ft. blue clay
222 ft. fine gray sand
228 ft. Coal 7-8 gals. water
231 ft. blue clay
233 ft. hard gray clay
241 ft. hard coal and
247 ft. 5-6 gals. water

261 ft. hard shale clay
264 ft. blue clay
264 1/2 ft. hard shale rock
266 ft. gray clay
266 ft. sandy gray clay
269 ft. hard shale rock
273 1/2 ft. hard dark clay
286 ft. Show exact depth of bottom.

286 feet drilled bottom hole
gravel packed hole up to 146 ft.

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

Casing 4 1/2" O.D. is from 116 to ground surface
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

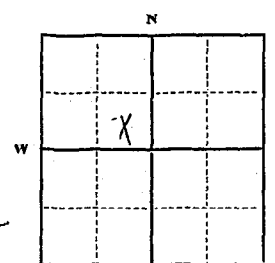
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Driller Collins Mercantile Co. Address Sidney, MontanaDriller Ray J. Petersen Address Sidney, MontanaDate of Notice of appropriation of groundwater Jan. 4 - 1970Date well started Oct. 31 - '69 Date completed Dec. 31 - '69Type 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 ☒ machinery

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

Water rises to 60 ft. level

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 inch	4 1/2" O.D. heavy	Surface	166	Low cost cut	136	146
	Wt. 12.00 lb per ft.			Round hole 3/16	also 66	78



Static Water Level for non-flowing well

At 60 feet.Shut-in Pressure for Flowing Well nonePumping Water Level 85 feetat 8 gal. per minute.

Discharge in gal. per min. of flowing well

noneHow Tested submersible pressure pumpLength of Test 50 hours

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff) Real gravelpacked in bottom. Pumpunit in 7 ft. pit forprotection & sanitation

(Continue on reverse side)

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

This well is to be used in office, lawn area and shop steam cleaning for machine dealer agency complex

Driller's License Number

Ray J. Petersen
Driller's Signature.

46047

313363

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

Filed this 14 day of January A.D. 1970
at 11:39 o'clock P.M.
Helen A. Greer
County Recorder

Deputy

Free \$2.00
filed

File No.

T. 23 N. R. 59 E

DUPLICATE

County.

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 2000)

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

(Under Chapter 237, Montana Session Laws, 1961)

Friday's Mobil Home Park

Owner.....
ORVEN & LAVETTA PEDERSON OWNERS
Driller..... Address.....

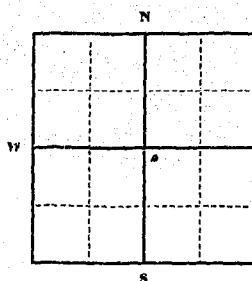
Date of Notice of appropriation of groundwater.....

Date well started..... July 1, 1962 Date completed..... July 1, 1962

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)
1 1/2"	2 1/2" x 3 1/2"	0	110	1 1/2" slots	0	110



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

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

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

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

How Tested.....

Length of Test.....

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

NW 1/4 Sec 30 T23 N. R. 59
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

David Gulbran
Driller's Signature.

45704

312138
STATE OF MONTANA,
County of Richland, } ss.
Filed this 3 day of
Oct A.D. 1969
at 4:55 o'clock P.M.
Helen Gierke
County Recorder
Lais Olson

2⁰⁰
filed

File No.

T. 23 N. R. 59 E

DUPLICATE

County.

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level. 7000)

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Friday's Mobil Home Park

Owner. Address.

DRUEN + LAUETTA PEDERSON OWNER

Driller. Address.

Date of Notice of appropriation of groundwater.

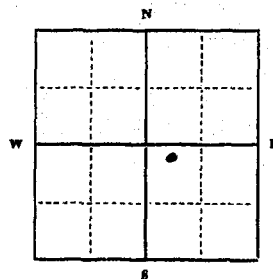
Date well started 3/5/77 Date completed 6/1/77

Type of well (Dug, driven, bored or drilled) Equipment used (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)
				1/2"	75	80



Static Water Level for non-flowing well feet.

Shut-in Pressure for Flowing Well.

Pumping Water Level. feet

at gal. per minute.

Discharge in gal. per min. of flowing well

How Tested.

Length of Test.

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff).

N. 1/4 Sec. 20, T. 23, R. 59

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

David Gulbraa
Driller's Signature.

45705

312139

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

Filed this 3 day of

Oct. A. D. 1969
at 1:56 o'clock P. M.

Helen Gierke

County Recorder

Lois Olson

Deputy

200

filed

File No.

DUPLICATE

T. 23 N. R. 59 E.

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 19 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1950

Owner Donald Propp Address Star Rte Cartwright

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. Water is

running out of hill
for a distance of
3 thousand feet or more

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

is used 9 months of
a year, or more, for live-
stock drinking. It runs
a prox. 5 gallons per minute

Signature of Owner Donald Propp

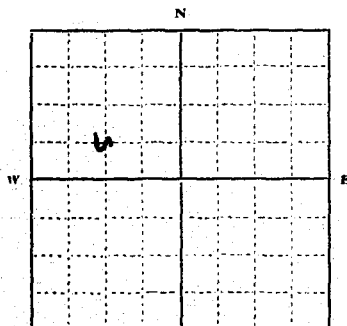
Date Dec 31, 1963

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.



S 1/2 NW 1/4 Sec 30 T23N R59E

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

STATE OF MONTANA, } ss. 286634
County of Richland,

Filed this 31 day of

Dec. A. D. 19 63

at 1:54 o'clock P. M.

C. L. Kooker

County Recorder

R. A. Johnson

fee: 2.00
filed

31

T. 23 N R 59 E
County: Richland

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG
STATE ENGINEER

Owner: Sidney Country Club Address: Sidney Mont
Driller: David Hulbaco Address: Sidney Mont
Date Started: 4/18/61 Date Completed: 4/26/61
Location: Sec. 31 T. 23 R. 59 1/4 sec. NE

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

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

Casing: 0 ft. to 50 ft. Type: steel Size: 3"
Casing: _____ ft. to _____ ft. Type: _____ Size: _____
Casing: _____ ft. to _____ ft. Type: _____ Size: _____

Perforated or Screened: Ft. 3' to ft. 4' Ft. _____ to ft. _____

Type of screen or perforations: #4 plate 10" long

Static Water level, for non-flowing well: 25 feet.

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

Pumping water level: 29 feet at 1.80 gal. per min.

How tested: rain

Length of test: 8 hrs

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

(over)

Log of Well

[illegible]

File No. _____

MONTANA DEPARTMENT OF AGRICULTURE

RECORDS SECTION

FEB 18 1970

T. 23N R. 59ECounty Richland

DUPLICATE

Top of Ground

(Elev. above sea level _____)

0 3 brown sandy clay
 3 13 gravel and clay
 13 35 sand and clay some gravel
 35 39 gravel clay some water
 39 55 clay and some gravel
 55 86 sand and clay
 86 107 sand and gravel some clay
 107 116 better sand and gravel
 116 shale

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)

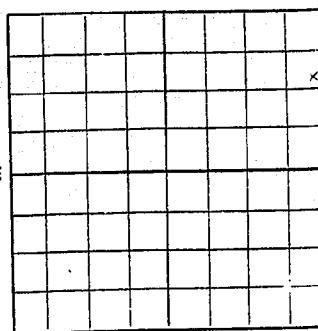
Owner Sidney Golf & country Club Address Sidney, MontanaDriller Simpson Drilling Company Address Malta, Montana

Date of Notice of appropriation of ground water _____

Date well started Sept 9, 1969 Date Completed Jan 14, 1970Type 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)
12	12" 55#	0	96	Johnson screen	type 304	Stainless
				# 25	96	103
				12	103	107
				18	107	109
				35	109	116



NE 1/4 Sec 31 T 23 N R 59 E
 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
25 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 75 feetat 20 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested test pumpedLength of Test 10 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) _____

Driller's License Number 15

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 Appropriator.

1/6/84

Figure 1 consists of 12 maps of the United States, arranged in a 6x2 grid. The left column shows the distribution of the percentage of the population aged 65 and over in 1970, and the right column shows the distribution in 1980. Each map is labeled with a number from 1 to 12. The maps show the percentage of the population aged 65 and over in each state, with darker shading indicating higher percentages. The maps show a clear trend of increasing age-related population percentages over time, particularly in the Northeast and Midwest.

200
filed

TO BE FORWARDED TO THE

25

72	160	116
18	16A	100
15	103	114
51	20	102
100000		

SECRET
CONFIDENTIAL

gritty

1947

CONFIDENTIAL

2011-12-20

STANDARD LISTING COMPANY

action, 317

STEWART & COMPANY, INC.

Tröb, G. G.

178	179
108	116
118	119
103	104
82	83
38	39
22	23
17	18
0	1
0	1

Guest
 178 perfect, sand and gravel
 108 casing and gravel some clay
 82 cifs and some gravel
 38 gravel cifs some water
 22 gravel and cifs some gravel
 17 gravel and cifs
 0 gravel and cifs
 0 gravel and cifs

[illegible]

GT

Approved Stock Form—State Publishing Co., Helena, Montana—41921

File No.

T. 23 N. 59 E.

DUPLICATE

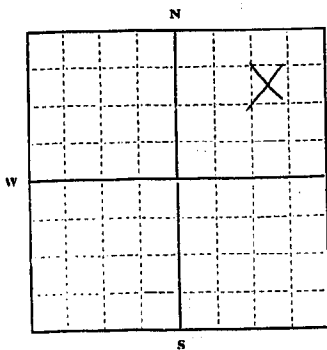
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Sidney Golf & Country Club, 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:



NE 1/4 Sec. 31 T. 23R. 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.....
Irrigation

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

4. The amount of groundwater claimed (in miner's inches or gallons
per minute)..... 260 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
40 acres
NE Sec. 31, Twp. 23 N., Rge. 59 E.
Sidney Golf & Country Club

6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal.....
2 wells
NENE Sec. 31, Twp. 23 N., Rge. 59 E.

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater..... 1950-4 inch well
1961-8 inch well

8. The depth of water table..... 20 to 60 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..... 4 inch well 55 feet deep, turbine pump
8 inch well 54 feet deep, centrifugal pump

10. The estimated amount of groundwater withdrawn each year..... 7,000,000 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 the act, including
reference to book and page of any county record..... not available

Sidney Golf & Country Club

Signature of Owner..... R. E. SUCKSTORFF
President

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.

24897

286603

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

Filed this 31 day of
December A. D. 1963
at 1:23 o'clock, P. M.

E. L. Krosen
County Recorder

E. Cook
Deputy

for \$2.00
filed

File No.

T. 23^N R. 59^E

DUPLICATE

County. Rich

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 28 1963

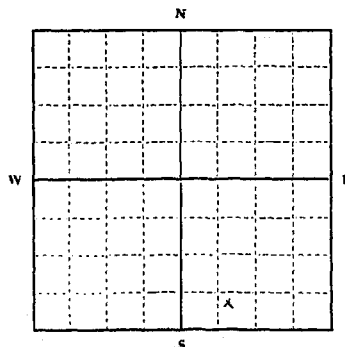
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Carl L. Alexander, of 626 9th 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:



SE ¹/₄ NE ¹/₄ Sec. 37, 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
for domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
June 15, 1957 and continuous.

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
Lots 9 & 10, Hansen div. City of Sidney
Carl L. & or Stella Alexander

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 15th 1957.

8. The depth of water table 20 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 A 3 in. O.D. boiler tube casing down to gravel bed, then a 1 1/4 in. sand point driven into gravel bed.

10. The estimated amount of groundwater withdrawn each year Do not know. Just the amount needed.

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 to my knowledge.

Signature of Owner

C. L. Alexander

Date Nov 20, 1963

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

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

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

12624

STATE OF MONTANA, ss. 285865
County of Richland,

Filed this 20th day of

Dec. A. D. 1963.

at 3:25 o'clock, P. M.

E. L. Korken

County Recorder

R. Atchison

Deputy

fee: 200

filed

GP'

File No.

DUPLICATE

T 23 N R 59 E 32

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

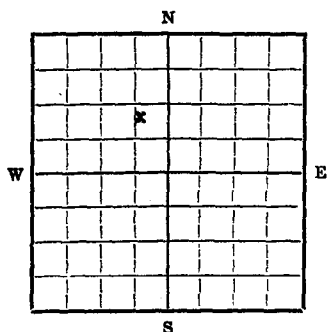
RECEIVED
DEC 18 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. United States of America of Box 2553 Billings
(Name of Appropriator) (Address) (Town)
County of Yellowstone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 22 T23 R59

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

2. The beneficial use on which the claim is based domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910 and continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 approximately 1910
8. The depth of water table 6 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 depth of well is 22 feet, 4 inch casing
10. The estimated amount of groundwater withdrawn each year 32 acre-feet
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. This water is used for domestic, household, stock watering, and similar uses by employees of the United States, or its agents in connection with operation of the Lower Yellowstone Federal Reclamation Project.

UNITED STATES OF AMERICA
Signature of Owner [Signature]
Regional Director, Region 6, Bureau of Reclamation
Date December 2, 1963

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

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

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

9669

STATE OF MONTANA,)
County of Richland,) ss. 285724

Filed this 16th day of

Dec. A. D. 1963

at 11:47 o'clock A. M.

E. L. Kooker

County Recorder

R. Atchison

Deputy

fee: 2.00
filed

File No.

T. 23 N R. 99 E

DUPLICATE

County Richland

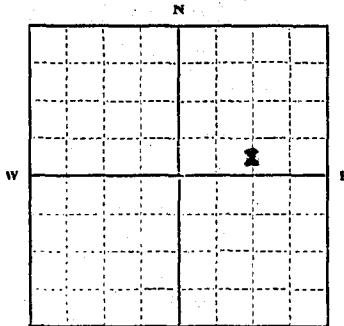
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ronald R. Bailey, of Box 423 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 3, Blk 1

1/4 Sec. 32 T23 R. 99

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
Lawn irrigation and household use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1956 and been in use ever since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Used for irrigating lawn—same description as well
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 1956
8. The depth of water table 35 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
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
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 Ronald R. Bailey

Date

12-31-63

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

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

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

30157

STATE OF MONTANA, } ss. 986925
County of Richland,
Filed this 6 day of
Jan. A. D. 19 64
at 9:24 o'clock, P. M.
C. L. Hooker
County Recorder
R. Atchison
Deputy

fee: 2.00
filed

File No.

T **23** R **59**

DUPLICATE

County **Richland**

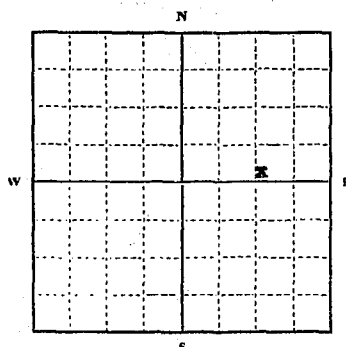
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Homer L. & Lura Y. Barber** of **Box 106** **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, NE Sec. 32, 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 **domestic**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1958 and continuous**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **20 gals per minute**
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof **garden and lawn**
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 to 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 **28 feet**
10. The estimated amount of groundwater withdrawn each year **10 acre feet**
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 **This water is used for domestic household, garden and lawn. This well serves Lot 7, Block 2 of the Hanson Addition in Sidney, Montana.**

Signature of Owner **Homer L. Barber**
Lura Y. Barber
Date **12-13-63**

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.

29807

STATE OF MONTANA, } ss. 286513
County of Cascade,

Filed this 31 day of
December A. D. 1963

at 11:53 o'clock, A.M.

E. L. Kooker
County Recorder

E. L. Kooker
Deputy

for \$2.00
filed

File No.

T. 23 N. R. 59 E. 32

DUPLICATE

County Richland

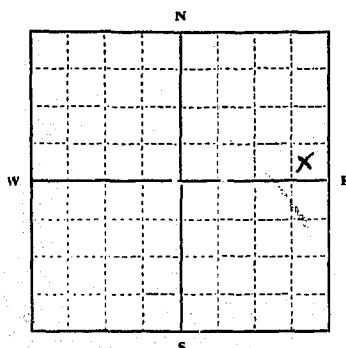
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert & Vivian Bradley, of 419 8th Ave. S. W. Sidney, 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:



In SENE 1/4 Sec. 32. T23. R. 59.

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

(Sidney Millers Lot 5 in Block 4)

2. The beneficial use on which the claim is based. Household.
Lawn & Garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. May, 1941
continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 14 gallons
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
Not applicable
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, 1941
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. Driven Well - Sandpoint - Well Depth 31 ft.
10. The estimated amount of groundwater withdrawn each year. 456,500 gallons
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. None

Signature of Owner

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.

29610

STATE OF MONTANA, } ss. 286316
County of Richland,

Filed this 31 day of
Dec. A. D. 1963

at 8:36 P. M.
C. L. Kooker
County Recorder
R. Atchison
Deputy

Fee: 2.00
filed

File No.

T. 23 N. R. 59 E. 32

DUPLICATE

County Richland

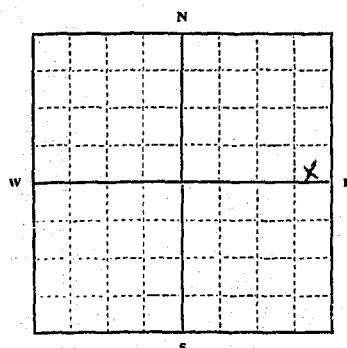
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Daniel H. Finnison, of 117 8th 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:



In SE 1/4 Sec. 32 T23 R59

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

(Sidney Millers Lot 3 in Block 4)

2. The beneficial use on which the claim is based.....
Household, Lawn & Garden
3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been..... October 1937
continuous
4. The amount of groundwater claimed (in miner's inches or gallons
per minute)..... 10 gallons
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
Not applicable
6. The means of withdrawing such water from the ground and the loca-
tion 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 with-
drawal of groundwater..... October 1937
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..... Driven Well - Sandpoint - Well Depth 31 feet
10. The estimated amount of groundwater withdrawn each year..... 450,000 gallons
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.....

Signature of Owner

Daniel H. Finnison
B. J. Finnison, B. Radley
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.

29609

STATE OF MONTANA, } ss. 286315
County of Richland, }

Filed this 31 day of

Dec. A.D. 1963

at 8:35 o'clock, P.M.

C. L. Hooker
County Recorder

R. Atchison
Deputy

fee: 2.00

filed

File No. _____

L. 10667

T. 23 N. R. 59 E.

DUPLICATE

County Richland

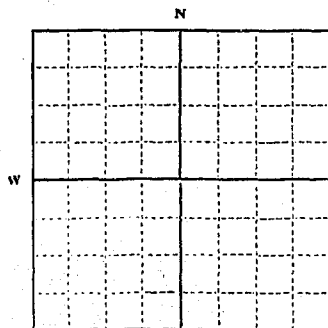
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. J. H. Harka, 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:



1/4 Sec. 32 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 house use

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7

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 one lot

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Nov 5 1943

8. The depth of water table 42

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 14 driven pipe

10. The estimated amount of groundwater withdrawn each year 300,000 gal

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

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

Signature of Owner

Date

J. H. Harka
Dec 31 1960

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.

30063

286769

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

Filed this 2 day of
January A. D. 1964
at 9:06 o'clock, A. M.

E. L. Kooker
County Recorder

E. Cook
Deputy

for \$2.00
filed

GV.

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

File No.

T. 23 N 59 E

DUPLICATE

County Richland

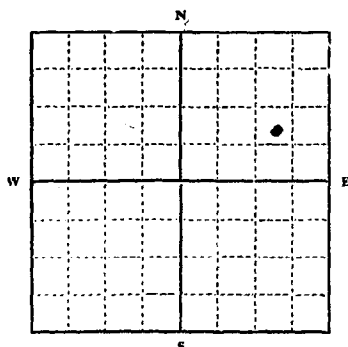
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RICHLAND
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Anna A. Norton of 408 9th 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:



SEME 1/4 Sec 32 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 Irrigation and Household use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950 continuous to present date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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 4 1/2 acre in Lot 7 & 8 Block 4 of the Hillier Edition of Sidney Montana Anna A. Norton
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Sand Point 2nd Electric Pump in Lot 8 Block 4 of the Hillier Edition, Sidney, Mont.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater construction completed in 1950
8. The depth of water table Approx 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 2 1/2" sand point 35' deep
10. The estimated amount of groundwater withdrawn each year 150,000 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 None

Signature of Owner Anna A. Norton

Date Dec 27, 1963

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

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

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

29440

STATE OF MONTANA, } ss. 286/21
County of Rabland, }

Filed this 27 day of
December A D 63
at 3:23 o'clock, P. M.
E. L. Rooker
County Recorder
E. Cook
Deputy

for 200
filed

T. 23 N R. 59 E ³²
County Richland

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
APR 26 1961

WATER WELL LOG

STATE ENGINEER

Owner Richland County Address Seely, Mont.
Driller Western Drilling Co Address Med Lake Mont.
Date Started 3-24-61 Date Completed 3-27-61
Location: Sec. 32 T. 23 R. 59 $\frac{1}{4}$ sec.

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

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

Casing: 0 ft. to 43 ft. Type steel Size 6"
Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____

~~Screened~~ or Screened: Ft. 43 to ft. 48 Ft. _____ to ft. _____
Type of screen or perforations silver red brass

Static Water level, for non-flowing well: 23 ft feet.

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

Pumping water level 26 ft feet at 10 gal min gal. per min.

How tested: bailer

Length of test: 1 hour

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

5 in hole was drilled 48 ft. Casing and screen was cemented in hole and pea gravel was put around casing above water level. remainder of hole was filled in with dirt.

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	7	silty sand
7	11	gravel
11	20	yellow clay
20	26	sandy clay
26	47	gravel Water

STATE OF MONTANA,
County of Richland,
ss. 871895
Filed this 25 day of April
A. D. 1914
at Billings, Mont.
County Recorder
Wm. H. Smith
Deputy

RECEIVED

JUL 30 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 23 N R. 54 E

County Richland

32

WATER WELL LOG

•			

Owner Richland Co. Fairgrove Address Sidney Mont.

Driller David Gulbrun Address Sidney Mont.

Date Started July 9, 1958 Date Completed July 15, 1958

Location: Sec. 32 T. 23 R. 54 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 40 ft. Type steel Size 8"

Casing: 40 ft. to 47 ft. Type steel Size 6"

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

Perforated or Screened: Ft. 25 to ft. 47 Ft. _____ to ft. _____

Type of screen or perforations 2 in. holes

Static Water level, for non-flowing well: 18' from top feet.

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

Pumping water level 27 feet at 30 gal. per min.

How tested: bailey

Length of test 2 hrs

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

shut off quicksand at 40 ft with 5 in casing

(over)

Log of Well

[illegible]

File No.

T. 23 N. R. 57 E.

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

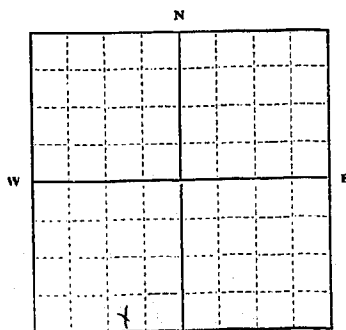
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ets. P. Ruffatto and Clara S. Ruffatto, 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:



SW 1/4 Sec. 23 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 and garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....1960 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....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
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....May 1960
8. The depth of water table.....21 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 30 ft. deep
10. The estimated amount of groundwater withdrawn each year.....2,628,000 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 previously recorded

Signature of Owner

Clara S. Ruffatto
Pete P. Ruffatto
Date Jan 7, 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.

30171

STATE OF MONTANA, } ss. 286992
County of Richland,

Filed this 7 day of

Jan A. D. 19 04

at 3:45 o'clock, P. M.

E. L. Hooker
County Recorder

D. Sullivan
Deputy

filed #200

filed

RECEIVED

JAN 10 1959

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 23N R. 59E
County RICHLAND

32

WATER WELL LOG

•			

Owner Sidney Saddle Club Address Sidney, Mont.
Driller Gene Gulbraa Address Sidney, Mont.
Date Started Sept. 22, 1958 Date Completed Sept. 22, 1958
Location: Sec. 23 T. 23 R. 59 1/4 sec. N.W. - N.W.

Type of well Drilled Equipment used Rotary
(Dog, driven, bored, or drilled) (Clum drill, rotary, other)

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

Casing: 0 ft. to 56 ft. Type Steel Size 4"

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

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

Perforated or Screened: Ft. 36 to ft. 56 Ft. _____ to ft. _____

Type of screen or perforations 3 HOLES

Static Water level, for non-flowing well: 25 FT. from top feet.

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

Pumping water level 25 feet at 10 gal. per min.

How tested: Backs & Pump

Length of test: 1 HOUR EACH

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

Gravel packed

(over)

Log of Well

[illegible]

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 SILNEY
Address 115 2nd St. S.E.
SILNEY, MONT 59270
Date well started 6-19-65
completed 7-29-65

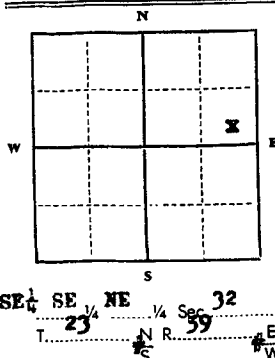
For Administrator's Use	
File	<u>324-209</u>
	<u>Sept 28, 1962</u>
	<u>@ 9:32 P.M.</u>
GW I	

Type of well DRILLED
(Dug, driven, bored or drilled)
Equipment used CABLE TOOL
(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 55 MILLION GALLONS

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
12"	53/PE	+2'	67	JOHNSON	67	102



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

Driller's Signature
Driller's Address Malta, Montana
LICENSE NO. 29

County RICHLAND 32

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) 1946

From (Feet)	To (Feet)	
0	47	Old Well
47	61	Sand
61	64	Coal, Sand, Gravel
64	68	Sand, Gravel
68	72	Sand, Gravel
72	82	Coal, Sand, Gravel
82	88	Sand, Gravel
88	96	Sand, Gravel
96	100	Gravel
100	102	Gravel, some shale

Static water level 11 ft.*
Pumping water level 35 ft.*
at 600 gallons per minute,
measured 15 minutes after pumping began.

*Measured from ground level.
Well developed by PUMPING
for 33 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
NATURAL PACK WELL

102 Show exact depth of bottom

51,501