

County

Richland

Twp.

2271

Rge.

59E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Lienel, L.	482	301606	
2	Lienel, L.	484	286500	
3	Strasheim, John	57 Hill Log	267987	
4	Ruffatt, John	484	286101	
4	Ruffatt, Pte. & John	484	286103	
4	Sidney, David & Livestock	484	286717	
5	Ruffatt, R. W.	482	316497	
6	Andersen, Volney & Wiggo	484	285087	
6	Andersen, Volney & Wiggo	484	285088	
6	Andersen, Volney & Wiggo	484	285085	
6	Andersen, Volney & Wiggo	484	285086	
6	Graskinsky Farming Corp.	484	285860	
6	Schilling, Robert L. & Harrison	484	286323	
6	Schilling, Robert L. & Harrison	484	286322	
7	Goss, Kenneth	484	286553	
7	Goss, Kenneth	482	315096	
7	Graskinsky Farming Corp.	484	285861	
7	Loring, Victor	482	322810	
8	Beagle, David & Livestock Co.	484	286404	
8	Beagle, David & Livestock Co.	484	286405	
8	Smith, H. Oscar	484	286474	
9	Montana-Dakota Utilities Co.	482	318487	→ NOT IN INDEX
9	Montana-Dakota Utilities Co.	484	275976	
9	Nordson, Jim	57 Hill Log	262417	
10	Fink, Rose, Mrs.	484	286275	
10	Fink, Rose, Mrs.	484	286276	
10	Fink, Rose, Mrs.	484	286277	
10	Moore, Lester, D.	484	286274	
12	Swigart, Sterling	482	294533	
13	Swigart, Sterling	482	318284	
15	Ross, Delmar	57 Hill Log	272904	
17	Graskinsky, Albert, Jr.	482	325549	
17	Kelly, Deana, J.	484	286332	
17	Kelly, Deana, J.	483	286334	
17	Kelly, Deana, J.	484	286333	
17	Koch, Robert, J.	484	286593	
18	Graskinsky Farming Corp.	484	285859	
18	Trade Corporation	57 Hill Log	272966	
19	O'Brien, Bertha, A.	484	281598	
19	O'Brien, Bertha, A.	484	281599	
19	O'Brien, Harry, & John	484	281597	
19	O'Brien, Harry & Gerald	484	285935	
21	Schultz, George	57 Hill Log	265541	
21	Schultz, George	484	286331	
21	Schultz, George	484	286324	

GROUNDWATER INDEX

Page 2 of 2

County Richland Twp. 2277 Rge. 596

[illegible]

File No. _____

STATE WATER CONSERVATION BOARD

T. 22 N. R. 27 E.

DUPLICATE

JUN 21 1967

County Richland

LOG

Bore

B.

C.

D.

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)

Owner Charles J. Olson (tenant) Address Redney, Mont.Driller Francis Payne Address Redney, Mont.

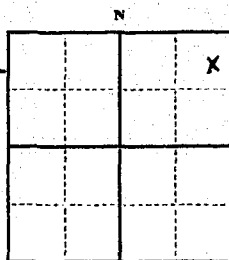
Date of Notice of appropriation of groundwater _____

Date well started June 9, 1967 Date completed June 17, 1967Type of well Drilled Equipment used Rotary
(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.

0	18 top soil & yellow clay
18	24 fine sand & gravel fill
24	57' gray clay
57	62 rock soft
62	69 hard gray rock
69	73 soft rock
73	90 firm gray shale
90	113 firm, crumbly gray shale
113	117 coal
117	161 light gray shale
161	163 soft rock
163	170 light gray shale
170	200 layers soft & red shale
200	210 firm shale
210	225 light colored silt 4 3/4
225	245 firm shale
245	248 coal
248	250 shale
250	255 coal
255	257 shale
257	263 coal
263	267 light colored silt
267	281 hard shale
281	285 soft rock
285	301 light drift sand
301	309 rock
309	312 soft shale
312	317 hard shale
317	345 sandstone water strata

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	4" I.D. 1 1/2 lb. pipe	0	315	none		

Static Water Level for non-flowing well 26 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 70 feetat 20 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested BoilerLength of Test 3 hoursRemarks: (Gravel packing, cementing, packers, type of shutoff) this wellhas no test packpack back to 295ft. down

(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.

345

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 22072Driller's Signature Francis Payne

42,078

STATE OF MONTANA, } ss. 301606
County of Richland,

Filed this 19 day of
June A.D. 1967
at 4:25 o'clock P.M.

Heidi Lierke
County Recorder
D. Sullivan
Deputy

Fee \$2.00
filed

File No.

T. 22 N. R. 59 E. 4

DUPLICATE

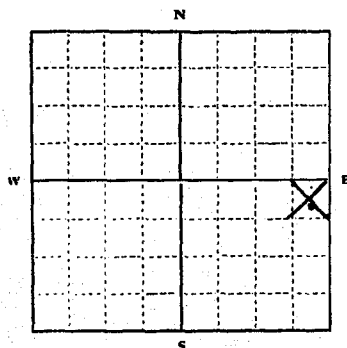
County. Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Clara S. Lien of P.O. Box 171, 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. 2 T. 22 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 1/2 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 location of each well or other means of withdrawal Located in barnyard. Artesian flowing

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

8. The depth of water table 900 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 1/4 inch flowing

10. The estimated amount of groundwater withdrawn each year 1,314,000 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

Signature of Owner

Clara S. LienDate 31 December 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.

29794

STATE OF MONTANA, } ss. 286500
County of Richland,

Filed this 31 day of

Dec. A. D. 1913.

at 11:40 o'clock P. M.

C. L. Kooker

County Recorder.

R. Atchison

for 200
filed

T. 22 N. R. 59 E
County Richland

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAY 5 1960

WATER WELL LOG

STATE ENGINEER

•			

Owner John Strashim Address Sidney, Mont.
Driller David Gulbraa Address Sidney, Mont.
Date Started 3-10-60 Date Completed 3-28-60
Location: Sec. 3 T. 22 R. 59 $\frac{1}{4}$ sec. NW

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

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

Casing: 0 ft. to 80 ft. Type Galv. Size 4"

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

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

Perforated or Screened: Ft. 73 to ft. 76 Ft. _____ to ft. _____

Type of screen or perforations $\frac{3}{8}$ " holes

Static Water level, for non-flowing well: 20 feet.

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

Pumping water level 40 feet at 15 gal. per min.

How tested: Bailer & Pump

Length of test 2 HRS

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

Gravel packed

(over)

Log of Well

[illegible]

File No.

T 22 R 59 E

DUPLICATE

County Richmond

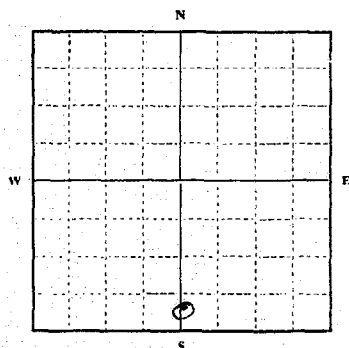
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

JAN 10 1964

1. Jack Ruffatti of Brookton
(Name of Appropriator) (Address) (Town)
County of Richmond State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 4 T22 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. household3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1962 - continuous4. The amount of groundwater claimed (in miner's inches or gallons per minute). 5 gal per min5. 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 for use6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. pressure pump7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. unknown8. The depth of water table. 6 ft9. 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. drum and pump 1 1/2"10. The estimated amount of groundwater withdrawn each year. 150,000 gal11. The log of formations encountered in the drilling of each well if available. unknown12. 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. noneSignature of Owner. Jack RuffattiDate Dec 24, 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.

29426

286101

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

Filed this 27 day of

December A. D. 1963

at 2:25 o'clock, P.M.

E. L. Korken

County Recorder

to look

Deputy

for 8500
filed

File No.

DUPLICATE

T. 22 N. R. 59 E.

County. Richland

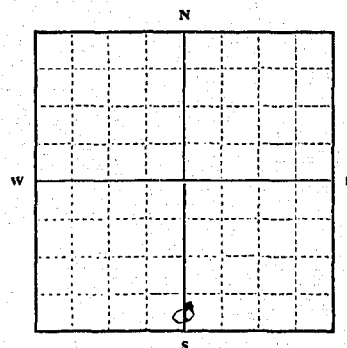
JAN 19 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Pete & Jack Ruffelt, of Brockton
(Name of Appropriator) (Address)
County of Richland State of Montana (Town)
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S. 1/4, Sec. 7, T. 22, 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 Stock3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1962 - cont.4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 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 not for use6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pressure pump7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. unknown8. The depth of water table 6 ft9. 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 sand point 1 1/4 in.10. The estimated amount of groundwater withdrawn each year 250,000 gal11. The log of formations encountered in the drilling of each well if available unknown12. 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. noneSignature of Owner Jack RuffeltDate 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.

29428

286103

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

Filed this 27 day of
December A.D. 1963

at 2:29 o'clock P.M.
E. L. Cooper
County Recorder
E. Cook
Deputy

Fee \$200
filed

File No.

T. 22 N. R. 59 E.
County RICHLAND

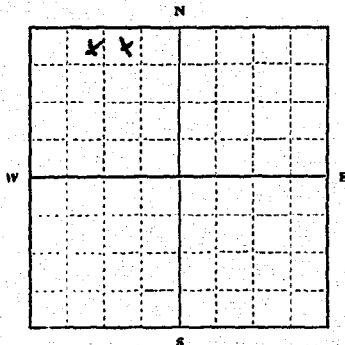
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

SIDNEY LAND LIVESTOCK Box 688 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:



$\frac{1}{4}$ Sec. 4 T. 22 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 WATERING
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1912
CONTINUOUS USE
4. The amount of groundwater claimed (in miner's inches or gallons per minute).
ONE GALLON PR 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
PUMPING

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1912
8. The depth of water table
ABOUT 12 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.
10. The estimated amount of groundwater withdrawn each year
520,000 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.

Signature of Owner [Signature]

Date 12-31-1962

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. 286717
County of Richland, }
Filed this 31 day of
December A. D. 19 63
at 3:17 o'clock P.M.
E. L. Hooker
County Recorder
C. Cook
Deputy

for B200
filed

316497

STATE OF MONTANA, } ss. 316497
County of Richland,

Filed this 7 day

October A.D. 1970

at 1:00 o'clock, P.M.

Helen Guiske

County Recorder

Jane Paladichuk

Deputy

Filed

Fee \$2.00

File No.

T. 22 R. 59

DUPLICATE

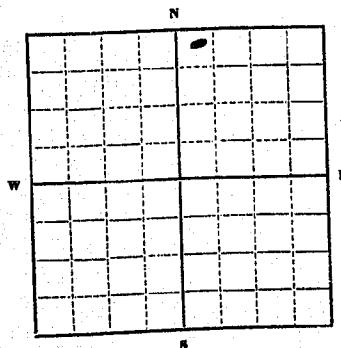
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 1 1963

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

Volney and Viggo Andersen of Route 1 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. 6 T. 22 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 Water for
Viggo's residence
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been 1935, continuous since
1935
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 4 gal. per minute
House use and lawn sprinkling
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
none
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal Electric
pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater November 1935
8. The depth of water table 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 Electric pump 1 1/2" pipe and
a sand point
10. The estimated amount of groundwater withdrawn each year 36,000 gal.
11. The log of formations encountered in the drilling of each well if available driven sand point
in clay formation until we hit 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 no record

Signature of Owner Volney Andersen

Date Oct. 21, 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.

6759

STATE OF MONTANA, }
County of Richland, }

ss. 285087

Filed this 31 day of

Oct. A. D. 19 23

at 11:24 o'clock, A. M.

C. E. Kasper
County Recorder

D. Sullivan
Deputy

Fee \$2.00
Filed

File No.

T. 22 R 59

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights NOV 1 1963

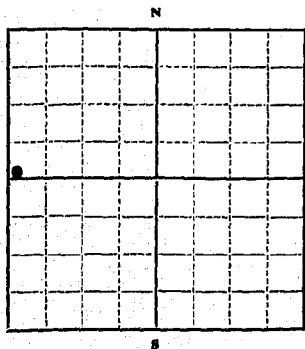
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED

STATE ENGINEER

1. Volney and Viago Andersen, of Route 1 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. 6 T. 22 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 Water for residence, feed lot watering, lawn sprinkling.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1936 used continuously.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 1936

8. The depth of water table 32 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 Electric Pump and two one and one quarter inch pipes and 2 sand points

10. The estimated amount of groundwater withdrawn each year 183,000 gal.

11. The log of formations encountered in the drilling of each well if available It driven sand point in clay formation until we hit 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 No Record

Volney Andersen
Signature of Owner

Date Oct. 21, 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. 285088
County of Richland,

Filed this 31 day of
Oct. A. D. 19 63
at 11:26 o'clock, P. M.
E. L. Kaaber
County Recorder
D. Sullivan
Deputy

Fee: \$2.00
filed

GV

File No.

DUPLICATE

T. 22 R. 57

County Richland

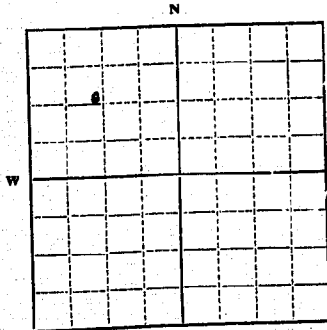
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 1 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Volney + Viggo Andersen of Rt. 1 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:



NW 1/4 Sec. 22 T. 22 R. 57

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 Water for Pasture Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1960 Summer use for stock
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal gasoline driven pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Aug. 1960 - Aug. 1960
8. The depth of water table Not on record.
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 147 ft. deep 4" casing, 1 1/2" pipe.
10. The estimated amount of groundwater withdrawn each year 36,000 gal.
11. The log of formations encountered in the drilling of each well if available 58' top soil, 88' sand & 1' water vein
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 No record

Volney and Viggo Andersen
Signature of Owner Volney Andersen
Date Oct. 21, 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.

6757

STATE OF MONTANA,
County of Richland,

ss. 285085

Filed this 31 day of
Oct A. D. 19 42
at 11:20 o'clock, A. M.

E. L. Harker
County Recorder
D. Sullivan
Deputy

fee: \$2.00
filed

67

File No.

T. 22 R. 59

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

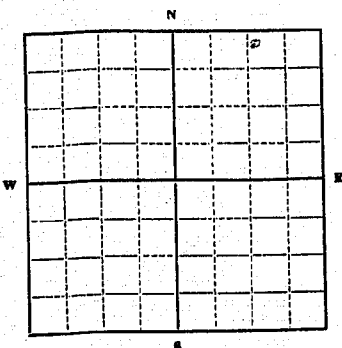
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
NOV 1 1963

STATE ENGINEER

1. Nolney and Viggo Aldersen, of Sidney Rtl
(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. 6 T22 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. Water for labor house
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1936 continuous from 1936 to 1957. Since then it has been used summers
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 2 gpm per minute when it is being used
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 irr. 1936-1957
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Hand pump located in the house

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. May 1936

8. The depth of water table. 12 ft. 5 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Hand pump and 16 ft. pipe. Sand point

10. The estimated amount of groundwater withdrawn each year. 20 gal. per year - 1957 - 1962

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 Nolney and Viggo Aldersen

Date Oct. 21, 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.

6758

2850 86

STATE OF MONTANA,
County of Richland, } ss. 2850 86

Filed this 31 day of

Oct. A. D. 19 63

at 11:22 o'clock, A. M.

E. A. Kasper
County Recorder

A. Sullivan
Deputy

per 8300
Galed

File No.

T

22 1/2 59 1/2

DUPLICATE

County

Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

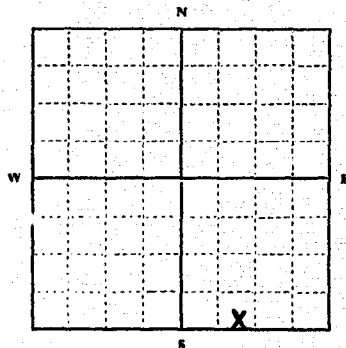
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 26 1963

STATE ENGINEER

1. Groskinsky Farming Corporation, of Rt 1, Box 195, 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. 6 T. 22 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 for watering livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Earliest use was 1927 and it has been in continuous use since that time.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. This water is 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. A cylinder pump driven by an electric motor at the location shown at the left.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. The commencement and completion was in the spring of 1927.
8. The depth of water table. 15 to 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. Driven sand point, 25 feet, 1 1/2 in. pipe.
10. The estimated amount of groundwater withdrawn each year. 65,000 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. No other information available.

Signature of Owner

Date

Groskinsky Farming Corp.
Albert H. Groskinsky
Dec 26, 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.

12619

STATE OF MONTANA, }
County of Richland, }

21560

Filed this 20 day of

Dec A. D. 1963

at 10:32 o'clock P.M.

E. L. Hansen

D. Sullivan

for #300
Jhalal

File No.

DUPLICATE

T. 22N R. 59E MPM

County

Richland

JAN 19 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

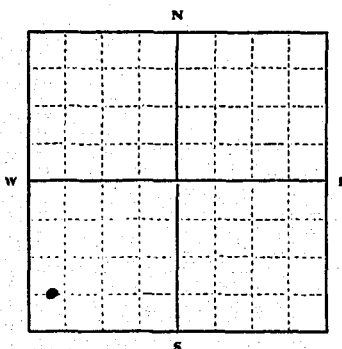
Robert E. & Corrine Schilling, of Rt. 1 Box 189, Sidney
(Name of Appropriator) (Address) (Town)

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. 6, T. 22N 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 stock water3. Date or approximate date of earliest beneficial use; and how continuous the use has been early 19304. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 g.p.m.5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof No6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pumpSW 1/4 Sec. 6, T. 22N, R. 59E MPM7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Unknown8. The depth of water table approx 30 feet9. 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 point10. The estimated amount of groundwater withdrawn each year 84,000 gallons11. The log of formations encountered in the drilling of each well if available Unknown12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner

Robert E. Schilling

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 to the Appropriator.

29617

STATE OF MONTANA, } ss. 286523
County of Richland,

Filed this 31 day of
December A. D. 1963
at 8:43 P. M.

E. L. Kasper
County Recorder
John Dueske
Deputy

for \$2.00
filed

STATE OF MONTANA, } ss. 286323
County of Richland,

Filed this 31 day of December A.D. 1963
at 8:43 p.m.

E. L. Hogben
County Recorder
W. L. Dierke
Deputy

for \$2.00
filed

File No.

T. 22 N. R. 59 E. M.P.M.

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

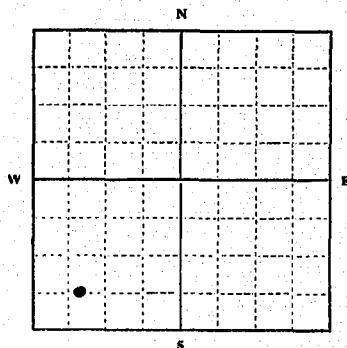
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert E. & Corvina Schilling, of P.O. Box 189, 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. 6 T. 22 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 Household
& yard

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

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
no

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric
PUMP unit - NE 1/4 SW 1/4 section
6, T. 22 N., R. 59 E. M.P.M.

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

8. The depth of water table 50 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well
4" screen - 56" deep

10. The estimated amount of groundwater withdrawn each year 60,000 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 R. Evans, well driller

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 Quaduplicate for the Appropriator.

29616

STATE OF MONTANA, } ss. 286322
County of Richland, }

Filed this 31 day of
December A.D. 1963
at 8:43 o'clock, P.M.
E. L. Hogben
County Recorder
Heber Durke
Deputy

for 200
filed

File No. _____

T. 22 N. R. 59 E

DUPLICATE

County Richland

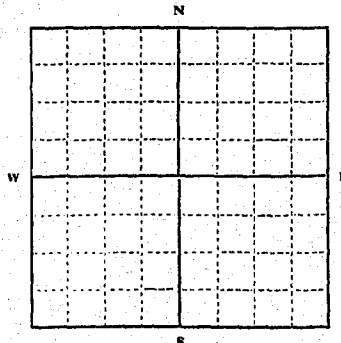
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth Loos, of Box 823 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:



N 1/4 W Sec. 7 T. 22 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 house and lawn

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1, 1960
daily use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gallons per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal jet pumps under lawn in front of house

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

8. The depth of water table 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 4 inch steel casing 80 feet deep

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

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

Kenneth LoosDate 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.

29847

STATE OF MONTANA,) ss. 286553
County of Richland,)

Filed this 31 day of

December 1963.

at 12:33 o'clock P.M.

E. L. Rucker

County Recorder

Helen Dierke

Deputy

fee 2.00
filed

File No.

MONTANA WATER RESOURCES BOARD

RECEIVED

T. 22n R. 59e

County Richland

TRIPLICATE

MAY 22 1970

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice 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.....)

0 42 sand

42 48 sand gravel water

48 50 sand

Owner Ken Coas Address Sidney, MontanaDriller Emmett Gendron Address Sidney, Montana

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

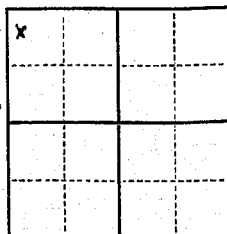
Date well started 28, April 1969 Date completed 28, April 1969Type of well drilled Equipment used churn drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6"x4.5" 18.97#	0	50	trench slots	46	47

Doc. No. 315096

Filed for record

his 20 day of MayA. D. 19 70, at 4:15 wo'clock PM M.NW 1/4 Sec. 7 T. 22n R. 59e
Indicate location of well and place of use, if possible. Each small square represents 40 acres.Static Water Level for non-flowing well 17 feet.

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

Pumping Water Level 35 feetat 8 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested baillerLength of Test 1 hr

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

46 466

315096
315096

STATE OF MONTANA, } ss.
County of Richland,

Filed this 20 day of
May A. D. 1920
at 4:15 o'clock P. M.
Helena J. Dierke
County Recorder

Fee ⁹2⁰⁰
filed

Deputy

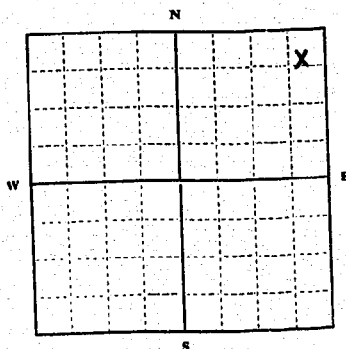
G

File No.

DUPLICATE

T. 22 N 59 E
County RichlandSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
DEC 26 1963Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Groskinsky Farming Corporation, of Rt. 1, Box 195, 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 NR 1 Sec. 7 T. 22 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 For watering livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Earliest use was 1936 and it has been in continuous use since that time.
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. This water is 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. A cylinder pump driven by an electric motor at the location shown at the left.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. The commencement and completion was in the fall of 1936.
8. The depth of water table. 15 to 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. Open well, 22 feet deep, cased with a two foot culvert.
10. The estimated amount of groundwater withdrawn each year. 55,000 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. No other information available.

Signature of Owner

Groskinsky Farming Corp
Albert H. Groskinsky, Secy
Date Dec 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.

12620

STATE OF MONTANA, }
County of Richland, } 285267
Filed this 20th day of
Dec. A. D. 1963
at 10:34 o'clock, A.M.
C. L. Kooker
County Recorder
D. Sullivan

fee: $\$2.00$
filed

County Richland

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 **Victor Lorenz**

Address Sidney, Montana

Date well started 5 May 1972

completed 8, May 1972

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used **churn**

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

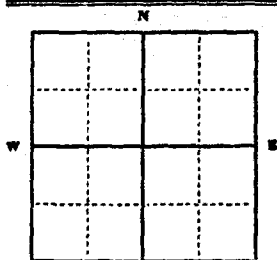
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***Describe**

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

ESTIMATED ANNUAL WITHDRAWAL 350,000 gal.

Size of Purified Hole	Size and Weight of Casting	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	65/8	0	90	torch slots	84	85



Static water level 30 ft.*
Pumping water level 50 ft.*
at 30 gallons per minute,
measured 30 minutes after pumping
began.

*Measured from ground level.

Well developed by ~~baller~~
for hours.

Power..... 100 Pump 3/2..... HP

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

..... 1/4 1/4 Sec. **7**

T.....22.....N R.....59.....E

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

Driller's Signature Driller's Address Box 1102 Sidney, Montana

LICENSE NO.....127

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)

[illegible]

Show exact depth of bottom

50,441

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

Filed this 22 day of
May A. D. 19 22
at 1:15 o'clock, P. M.

John L. Burke
County Recorder

By Emma Hardy
Deputy

Fee: 2.00
Filed

NOTICE OF COMPL

**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 Victor Lorenz

Address Sidney, Montana

Date well started 5, May 1972

completed 8 May 1972

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used churn

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

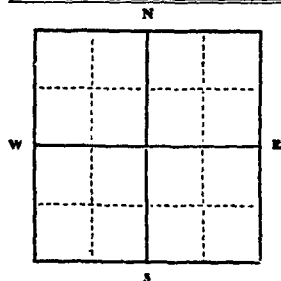
***Describe**

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

and Addition).

ESTIMATED ANNUAL WITHDRAWAL 350,000 gals

Size of Drilled Hole	Size and Weight of Casting	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	65/8	0	90	torch slots	84	85



Static water level30.....ft.*
Pumping water level50.....ft.*
at30.....gallons per minute,
measured30 minutes after pumping
began.

*Measured from ground level.

Well developed by 20-40 cm

for 1 hours.

Power.....0.75..... Pump.....1/2..... HP

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

..... 1/4 1/4 Sec..... 7

T.....22.... N R...54..... E

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

Driller's Signature *[Signature]*

Driller's Address Box 7102 Sidney, Montana

LICENSE NO.....127

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)

[illegible]

~~90~~ Show exact depth of bottom

50,441

File No.

T. 22 N. R. 59 E.

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

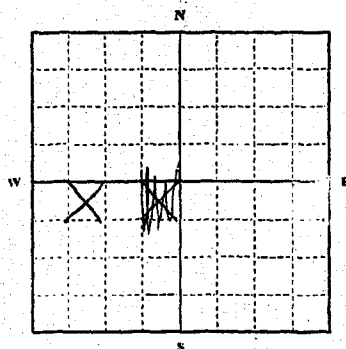
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Beagle Land & Livestock Company, 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:



NWSW

1/4 Sec. 8 T. 22 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

3. Date or approximate date of earliest beneficial use; and how continu-
 ous the use has been
Prior to 1923, continuous thereafter

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

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

6. The means of withdrawing such water from the ground and the loca-
 tion of each well or other means of withdrawal
1 artesian well, 1 well with electric pump
NWSW Sec. 8, Twp. 22 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 Prior to 1923

8. The depth of water table 12 to 18 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 artesian well 3 inch pipe, depth unknown
Pump well, 4 inch casing, 18 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 none

Beagle Land & Livestock Company

Signature of Owner GORDON A. BEAGLE
President

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.

29698

286404

STATE OF MONTANA, } ss.
County of Richland.

Filed this 31 day of

December A. D. 19 63

at 10:04 o'clock, A. M.

E. L. Gaskin
County Recorder

John Burke
Deputy

for \$200
filed

File No.

T. 22 N. R. 59 E.

DUPLICATE

County Richland

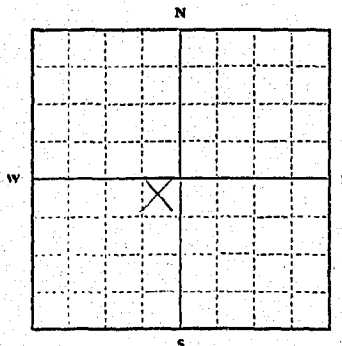
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Beagle Land & Livestock Company, 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:



NESW 1/4 Sec. 8 T. 22 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
1930 and continuous

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
2 electric pumps; one hand pump
All in NESW Sec. 8, Twp. 22 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.....
Electric pump wells - 1953
Hand pump well - 1930

8. The depth of water table.....
18 feet to 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.....
Electric pump wells; 4 inch casing; 18 feet deep
Hand pump well; 2 inch casing; 18 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 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

Beagle Land & Livestock Company
Signature of Owner GORDON A. BEAGLE
President

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.

29699

286405

STATE OF MONTANA, } ss.
County of Richland

Filed this 31 day of

December A.D. 1962

at 10:25 o'clock P.M.

G. L. Kasper

County Recorder

Helva Luske

Deputy

for 202
filed

File No.

T 22 ✓ R 59 E

DUPLICATE

County Richland

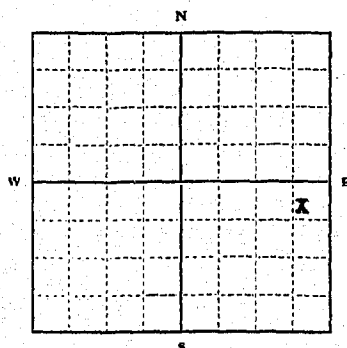
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. H. Oscar Smith, of Skaer House, 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:



SE $\frac{1}{4}$ Sec. 8 T. 22 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 Water and Lawn & Tree irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1943 and has been in use ever since
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.
Used for irrigating lawn and trees—same location 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. 1943
8. The depth of water table. 16 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. about 25,000 gallons about 255,000 gallons per yr.
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 H. Oscar Smith

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.

29968

STATE OF MONTANA, } ss. 28674
County of Richland,

Filed this 31 day of
December A.D. 19 63
at 2:34 o'clock P. M.

E. L. Rooper
County Recorder
Helen Lunde
Deputy

by 200
filed

100

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ll.
978

RAVEL

318489
STATE OF MONTANA, } ss. 318489
County of Richland,

Filed this 6 day of
April A. D. 19 71

at 1:55 o'clock, P. M.
Helen Burke
County Recorder

Fee \$2.00
filed

Deputy

G*

Approved Stock Form—State Publishing Co., Helena, Montana—38496

File No.

RECEIVED

T. 22N R. 52E

DUPLICATE

County. Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

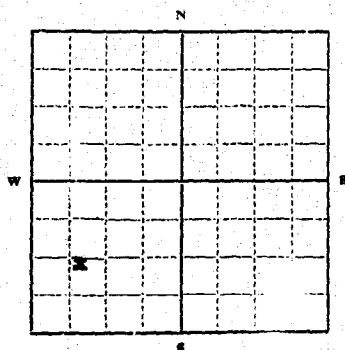
RECEIVED

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Montana-Dakota Utilities Co. 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:



2. The beneficial use on which the claim is based Normal Sanitary Requirements: Boiler Feed water and Cooling Water - ONLY DURING THE SUMMER OF EXTREMELY DRY YEARS at the Lewis and Clark Electric Plant.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. June, 1958 (See No. 2)

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 30 Gals/min. (See No. 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
N/A

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

SW 1/4 SW Sec. 9 T. 22N R. 52E

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. June, 1958
8. The depth of water table. 17 feet - approximately
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. Approximate total depth - 50 feet. 8" casing used to TD
10. The estimated amount of groundwater withdrawn each year. 2,500,000 gals. (See No. 2)
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. N/A

MONTANA-DAKOTA UTILITIES CO.

Signature of Owner. L.

David W. Smith
President

Date March 21, 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. 275976
County of Richland,

Filed this 29 day of
Mar A. D. 19 62
at 3:47 o'clock P. M.

E. L. Fisher
County Recorder

E. Hawley
Deputy

Sub. 12-12
Filed

RECEIVED

MAY 18 1959

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

T. 22 N R. 59 E 9
County RICHLAND
Owner Jim Mordan Address Sidney Mont
Driller David Gullbraa Address Sidney Mont
Date Started 3-19-59 Date Completed 3-24-59
Location: Sec. 9 T. 22 R. 59 $\frac{1}{4}$ sec. NE

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

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

Casing: 0 ft. to 61 ft. Type steel Size 4"
Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____

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

Type of screen or perforations _____

Static Water level, for non-flowing well: 2.6 ft. from top feet.

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

Pumping water level 50 feet at 7 $\frac{1}{2}$ gal. per min.

How tested: Back a pump

Length of test 4 hours

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

(over)

Log of Well

[illegible]

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42

File No.

T. 22 N. R. 59 E. 10

DUPLICATE

County Richland

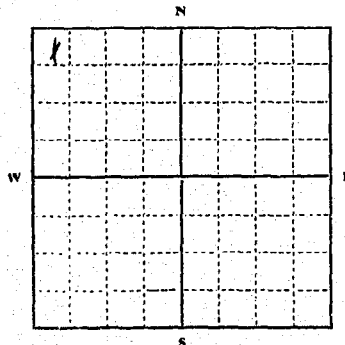
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Mrs. Rose Link, of Route 1, Box 23, 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:



N.W. 1/4 Sec. 10 T. 22 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 & Lawn
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) 12 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
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 1947
8. The depth of water table about 16 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 driven
10. The estimated amount of groundwater withdrawn each year 22000 to 25000
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

Mrs. Rose Link

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.

29574

STATE OF MONTANA, } ss. 236275
County of Richland,

Filed this 30 day of
December D. 1963
at 3:44 o'clock P. M.

6 J. K. Koser
County Recorder
Deputy

for 200
filed

File No.

T. 22 N. R. 59 E.

DUPLICATE

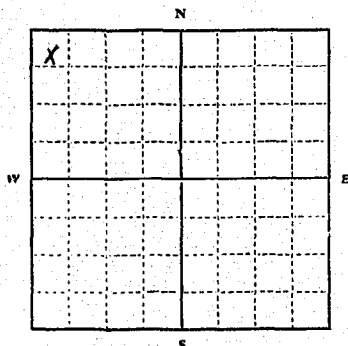
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Mrs. Rose Link, of Route 1, Box 23, 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:



N.W. Sec. 16, T. 22, 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 Lawn & garden
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) 10-12 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 & garden
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 1947

8. The depth of water table about 16 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 driven

10. The estimated amount of groundwater withdrawn each year 30,000 to 40,000

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

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

Signature of Owner Mrs. Rose LinkDate 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.

295 75

STATE OF MONTANA, } ss. 286276
County of Richland,

Filed this 30 day of December 1963
at 3:46 o'clock P.M.

County Recorder
Helen Dierke
Deputy
Dec 20 1963
filed

File No.

T. 92 N. R. 59 E.
County Richland

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

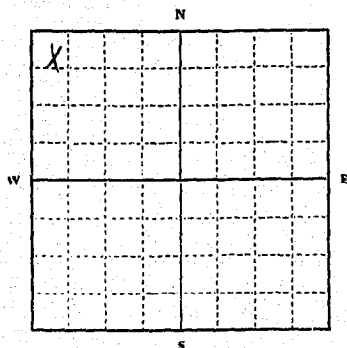
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Mrs Rose Link of Rt. 1, Box 23 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:



NW 1/4 Sec. 10 T. 92 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 Stock water
general use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1954 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
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 1954
8. The depth of water table 19 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
10. The estimated amount of groundwater withdrawn each year 30,000 or 40,000
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Mrs Rose Link

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.

29576

286277

STATE OF MONTANA, } ss.
County of Richland,
Filed this 30 day of 63
December
at 3:48 o'clock P.
County Clerk
John L. Lusk
Deputy
fee \$2.00
filed

File No.

DUPLICATE

T 12 N R 59 E

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

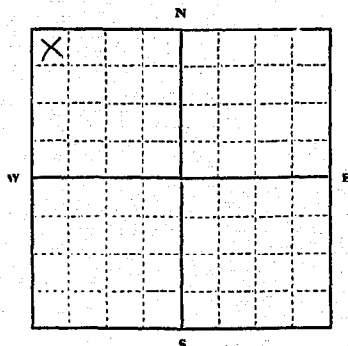
JAN 10 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lester & Moore, of Route-1 Box 23 Sidney
(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:



NW 1/4 Sec. 10 T. 22 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 & general house hold use
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) 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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1947
8. The depth of water table 19
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 driven 28' to 34'
10. The estimated amount of groundwater withdrawn each year 16000 to 29000 gallons
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

Lester & MooreDate 12-28-1963

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.

29573

STATE OF MONTANA, } 286274
County of Richland,

Filed this 30 day of

December 1963

at 3:42 o'clock P.
6 County Recorder

John Haskin
Deputy

Jan 2 00
filed