

STATE OF MONTANA, } 28668
County of Richland,

Filed this 31 day of Dec.

at 1:35 o'clock P. M. 1962

County Recorder

Deputy

for: 200
filed

GV

20

File No.

T 21 R 59

DUPLICATE

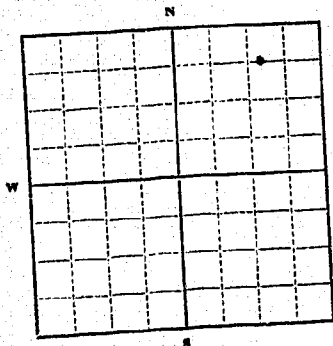
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

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

1. Jesse E. Baxter, of 723 S. Central, 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:



NE 1/4 Sec. 20 T. 21 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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1938. 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 not applicable.
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 approximately 1938.
8. The depth of water table 20 feet from surface.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 125 feet in depth; 6" hole; steel casing.
10. The estimated amount of groundwater withdrawn each year approximately 1,500,000 gallons.
11. The log of formations encountered in the drilling of each well if available not known.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Jesse E. Baxter

Date 2/6/1963

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.

3548

STATE OF MONTANA, } ss. 280938
County of Richland,

Filed this 6 day of
Feb A. D. 1963
at 9:55 o'clock P. M.

E. L. Hansen
County Recorder

fee \$2.00
plus

File No.

MONTANA WATER RESOURCES

T. 21 N R. 59 E

DUPLICATE

RECEIVED

County Richland

LOG

FEB 15 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

0-14 brown sandy clay
 14-19 coal slack
 19-28 brown sandy clay
 28-54 grey sandy clay
 54-85 grey shale
 85-138 grey shale
 138-152 sand
 152-207 grey shaly sand
 207-210 coal
 210-232 grey shale
 232-235 coal
 235-276 grey shale
 276-280 grey shaly sand
 280-295 grey shale & sand
 295-301 grey shale
 301-306 coal water

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

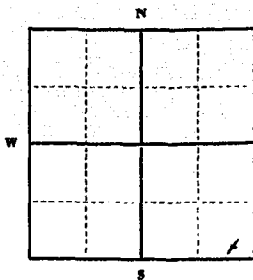
Owner Bill Albert Address Sidney, MontanaDriller Dave Gilstrap Address Sidney, Montana

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

Date well started 2/1/68 Date completed 2/5/68Type of well drilled Equipment used churn
(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)	PREPARATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	11 1/2"	0	306	N	0	3

Static Water Level for non-flowing well 165 feet.

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

Pumping Water Level 172 feet
at 15 gal. per minute.

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

How Tested bailedLength of Test one hour

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

SE 1/4 Sec. 22 T. 21 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).

206*

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

43,023

304013
STATE OF
County of Richmond,

Filed this 14
February A.D. 1968
at 1:42 o'clock P.M.

Helen Gierke
County Recorder
Lain Stanford

200
filed

RECORDED TO REMAIN
IN THE OFFICE OF THE
COUNTY CLERK
IN THE COUNTY OF RICHMOND
STATE OF VIRGINIA

STATE OF MONTANA, } ss. 319032
County of Richland,

Filed this 19 day of

May A. D. 19 71

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

Helen Burke
County Recorder

Janice Fleck
Deputy

Filed

Fee \$ 2.00

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 James Bonter 323954
Address Sidney Mont
Date well started 5-11-1972
completed 5-23-1972

For Administrator's Use	
File <u>Aug 14, 1972</u>	
<u>John Bonter</u>	
<u>Clark Bonter</u>	
GW 1 <u>24 gpm</u>	
<u>valve check</u>	

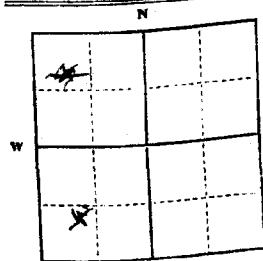
Type of well drilled (Dig, driven, bored or drilled)
Equipment used rotary (Churn drill, rotary or other)
Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 800,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
12"	6" PVC	0	194	1/4" drilled hole	179	194



NW 1/4 NW 1/4 Sec. 30
T. 21 N. R. 7 E.

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

Driller's Signature Francis Joyce
Driller's Address Sidney Mont 59270

LICENSE NO. 72

County Beaumont

DRILLER'S LOG

30

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) <u>1790</u>	
From (Feet)	To (Feet)
0	43
43	70
70	78
78	100
100	105
105	120
120	161
161	163
163	194
194	

194 Show exact depth of bottom

5/152

STATE OF MONTANA, } ss. 323754
County of Richland, }

Filed this 14 day of
August A. D. 1972
at 4:05 o'clock, P. M.

Helen Burke
County Recorder
James Paladichuk
Deputy

File No.

T. 21 R. 59

DUPLICATE

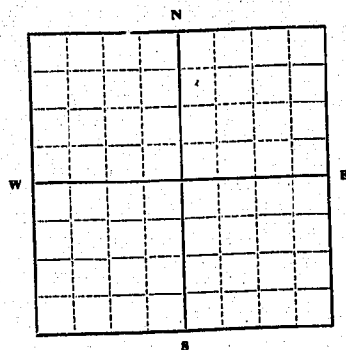
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Jesse E. Baxter, of 723 S. Central, 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:



NE $\frac{1}{4}$ Sec. 30, T. 21 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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1916. Been used continually. Flowing well.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Flowing well. Not applicable, used for stock water purposes.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Flowing well.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Continuous since 1916.
8. The depth of water table surface.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater depth of well - 500 ft; size of hole - 4 inches; steel casing.
10. The estimated amount of groundwater withdrawn each year approximately 3,153,600 gallons.
11. The log of formations encountered in the drilling of each well if available not known.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Jesse E. Baxter
Jesse E. Baxter
Date 2/6/1963

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. 280939
County of Richland

Filed this 10th day of

June A. D. 1913

at 9:57 o'clock, A.-M.

E. L. Koster
County Recorder

D. Sullivan
Deputy

fee: \$ 2.00

filed

File No. _____

T 21 N R 59 E

DUPLICATE

County Richland

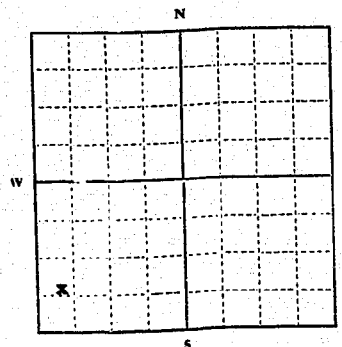
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 20 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. H. E. Halvorsen and Clifford Jensen, of Sidney (Town)
(Name of Appropriator) (Address)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 31 T. 21 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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1958 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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
electric motor
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 14 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" x 4" wooden casing
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

H. E. Halvorsen & Clifford Jensen
Signature of Owner By: H. E. Halvorsen
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.

29652

STATE OF MONTANA, }
County of Richland, }

206358

Filed this 31

day of

December

A.D. 1963.

at 9:18

E. L. Karker

E. L. Karker

Deputy

for 220
Filed

320695

Called
C & R

(CK)

STATE OF MONTANA, }
County of Richland, }

Filed this _____ day of

Nov A. D. 1921
at 11:15 o'clock, A. M.

Eileen Herlihy
County Recorder
Jay Ostermeyer
Deputy

Filed

Fee: \$2.00

File No.

T. 21 N. R. 59 E.

DUPLICATE

County Richland

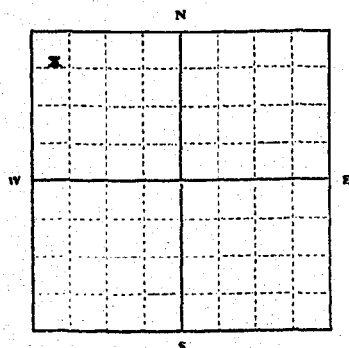
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, H. E. Halvorsen and Clifford Jansen, 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:



NW 1/4 Sec. 33 T. 21 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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1962
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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
gasoline motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... 1962
8. The depth of water table..... 204 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater..... 6 inch steel casing
10. The estimated amount of groundwater withdrawn each year..... unknown
11. The log of formations encountered in the drilling of each well if available.....
David Gulbransen well driller
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. E. HalvorsenDate 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.

29649

STATE OF MONTANA, } ss. 286355
County of Richland, }

Filed this 31 day of

December A.D. 1943.

at 9:15 P.M.

E. L. Kooker

E. L. Kooker

for \$2.00
filed

County _____

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 _____ For Administrator's Use

Address 100 1st St. File 100 1st St.

Date well started 1-2-1971 GW 1

completed 11/11/11

Type of well _____ (Dug, driven, bored or drilled)

Equipment used _____
(Name of company or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

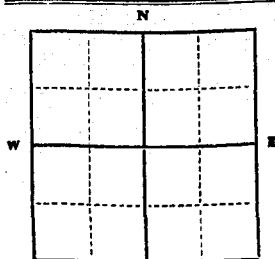
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe 1. The person who was killed

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
1 1/2"	1 1/2"		450			
	1 1/2"		517			



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 shutoff)

8
 Sec. 35
 T. 21 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

LICENSE NO. 12

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

49074

STATE OF MONTANA, } ss. 320210
County of Richland,

Filed this 13 day of
Sept A. D. 19 21
at 9:49 o'clock, A. M.

Helen Smith
County Recorder
Jay Ostermeyer
Deputy

JW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42262

File No.

T. 21 N. R. 58 E

DUPLICATE

County Richland

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

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 31 1963
Owner Andrew Petersen Jr. Address Stear Route, Sidney Mont.
Contractor (if any) None
Address of Contractor None
Date Started May 1, 1956 Date Completed May 10, 1956

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

Natural flow collected in a tank.

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 used 3 months per season, to water 100 head of cattle. Est. 75,000 Gallons of water.

Signature of Owner Andrew Petersen Jr.

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.

29914

STATE OF MONTANA, } ss. 286620
County of Richland,

Filed this 21 day of

at Dec. A. D. 1963

1:40 o'clock P. M.
E. Shooker
County Recorder
R. Atchison
Deputy

fee: 200
filed

GROUNDWATER INDEX

Page 1 of 10

County Richland Twp. 21N Rge. 60E

[illegible]

File No.

T. 21 N. R. 60

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964
STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1949

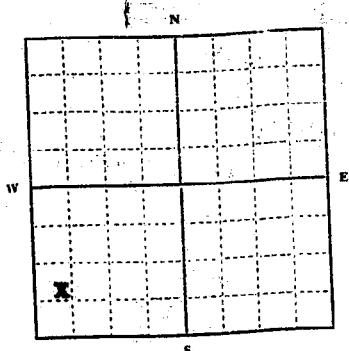
Owner Lee J. McGinnis Address Shaw Bldg., Sidney, Mont.

Contractor (if any) none

Address of Contractor

Date Started 1949 Date Completed same

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



SW 1/4 Sec. 6 T. 21 R. 60

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

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

flows about 3 gallons per minute and is in use the year round.

Signature of Owner Lee J. McGinnis

Date 12-31-63

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

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

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

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

286908

STATE OF MONTANA, } ss.
County of Richland,

Filed this 3 day of
January A.D. 1964
at Billings o'clock P.M.
C. L. Kasper
County Recorder
C. L. Kasper
Deputy

for \$2.00
filed

File No.

T. 21 N. R. 60 E.

DUPLICATE

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 About 1940

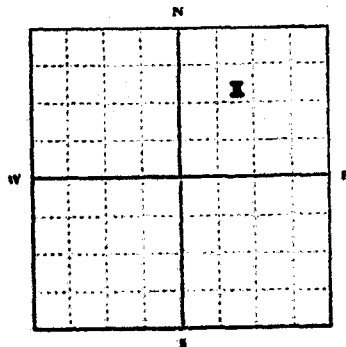
Owner Lee J. McGinnis Address Summit Bldg, Sidney, Mont.

Contractor (if any) none

Address of Contractor

Date Started 1942 Date Completed none

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



Lot 3 Sec. 37 T. 21 R. 60

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

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

estimate approximate lengths of periods of use

2 gallons per minute

Signature of Owner Lee J. McGinnis

Date 12-31-63

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

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

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

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

28690 9

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

Filed this 3 day of
January A. D. 1964
at 3:47 o'clock P. M.

E. L. Koskus
County Recorder
E. L. Koskus
Deputy

fee \$2.00
file

T. 21 *N* R. 60 *E* 19
County *Richland*
RECEIVED
JAN 2 1962
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

X			

Owner *Ole H. Olson* Address *Sidney, Montana*
Driller *Francis Boyce* Address *Troutters, N. Dak.*
Date Started *Aug. 21, 1961* Date Completed *Aug. 22, 1961*
Location: Sec. *19* T. *21* R. *60* $\frac{1}{4}$ sec. *N. West*

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 *108* ft. Type *well casing* Size *4 inch* *11 lbs. p.f.*

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

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

Perforated or Screened: Ft. *96* to ft. *108* Ft. _____ to ft. _____

Type of screen or perforations *torch slots* *1 x 8*

Static Water level, for non-flowing well: *92* feet.

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

Pumping water level *100* feet at *4* gal per min.

How tested: *pump*

Length of test _____

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	16	topsoil and yellow clay
16	27	brown sand layers, scorio, soft black coal & dirt
27	52	soft gray shale
52	54	coal
54	70	gray shale
70	80	gray green soft shale
80	98	gray shale hard
98	109	soft sandstone water strata
109	111	gray shale medium hard

STATE OF MONTANA,
County of Richland,
ss.
294690

Filed this 28th day of April, A.D. 1961.
H:23, J:10, F:11
E. J. Fisher
E. J. Fisher
E. J. Fisher
County Clerk
Richland

File No.

T. 21 N. R. 60

DUPLICATE

County Richland

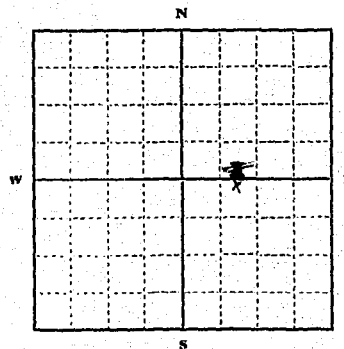
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 20 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Lee J. McGinnis, of Shaw Route, 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:



20 Sec. 21 T. 60 R.

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

2. The beneficial use on which the claim is based Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been About 1945 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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill and gasoline motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater About 1945
8. The depth of water table 395 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 4 inch steel casing
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 Lee J. McGinnisDate 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.

30145

286907

S. W. F. MONTANA, }
County of Richland, }

Filed this 3 day of

January A. D. 1964.

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

C. L. Kuckus

County Recorder

C. L. Kuckus

Deputy

for \$2.00
filed

GROUNDWATER INDEX

Page ____ of ____

County Richland Twp. 20W Rge. 52E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
4	Alan Ranches	HW4	286068	
4	Stred, Anna	HW4	286498	
4	Jes, Melvin	HW4	286780	
4	Jes, Melvin	HW3	286569	
6	Alan Ranches	HW4	286072	
8	Lange, Otto	57 Well Log	265502	
8	Lange, Otto W.	HW4	286599	
10	Alan Ranches	HW4	286074	
12	Alan Ranches	HW4	286083	
14	Alan Ranches	HW4	286071	
16	Price, Donald A., Jr.	HW4	286175	
16	Price, Donald	57 Well Log	267988	
16	Price, Donald A. Jr.	HW4	286176	
19	Spithoven, Jack	HW2	322964	
20	Spithoven, E.O.	57 Well Log		
21	Lange, Leo	HW2	302378	
21	Lange, Leo A.	HW4	286419	
21	Lange, Leo A.	HW4	286420	
24	Couderd Wagon Ranch	HW2	313398	
25	Alan Ranches	HW2	297829	
25	Alan Ranches	HW4	286069	
25	Couderd Wagon Ranch	HW2	315228	
26	Alan Ranches	HW2	286075	
27	Stred, Anna	HW4	286496	
27	Stred, Anna	HW4	286497	
28	Lange, Louis	57 Well Log	267986	
28	Lange, Otto W.	HW4	286600	
30	Dawson, Ed	HW2	289277	
30	Spithoven, Jack	HW4	286097	
30	Spithoven, Jack	HW4	286098	
30	Spithoven, Jack	HW4	310596	
30	Spithoven, Jack	HW2	310595	
31	Clark Road.	HW3	286443	
31	Clark Road.	HW4	286781	
31	Lange, Leo	HW2	310713	
32	Casselle, Edna	HW4	286051	
32	Casselle, Forest	57 Well Log	259582	
34	Swartz, Nabel L.	57 Well Log	267416	
35	Bassford, Duff + Gladys	HW3	305162	
36	Bassford, Duff + Gladys	HW3	305161	

GT

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

File No.

T. 20 N. R. 57 E.

DUPLICATE

County. Richland

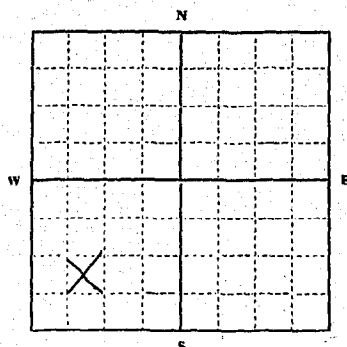
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alco Ranches, 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 $\frac{1}{4}$ SW $\frac{1}{4}$
Sec. 4 T. 20 N. R. 57 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.
1940 and continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 2000 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.
natural flow through dugout
SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 4, T. 20 N., R. 57 E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1940
8. The depth of water table. 10 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. natural flow from dugout
10. The estimated amount of groundwater withdrawn each year. 200,000 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

ALCO RANCHES

Signature of Owner. By Eugene A. LelandDate. December 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.

29397

STATE OF MONTANA, } ss. 286668
County of Richland,

December 27 day of
1963

E. L. Cooper
County Recorder
Debra Burke
Deputy

Fee 2.00
Filed

GW

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

File No.

T

20 N 57 E

County

Richland

DUPLICATE

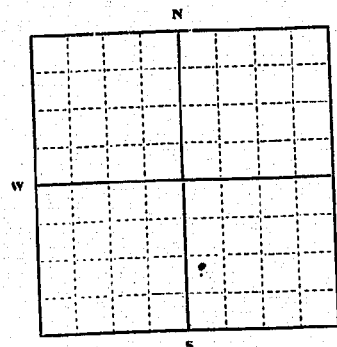
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ANNA ETZEL, of Box 184, SAVAGE
(Name of Appropriator) (Address) (Town)
County of Richland State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 4 T. 20 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 Livestock watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1945 - 1st unit
March 1953 - 2nd unit
Two units joined by 2" pipe at bottom

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 13 ft of water in each

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
lift pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1945 and 1953

8. The depth of water table 13 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
Both Bore wells with 32 inch casing 26 ft deep joined by 2" pipe at bottom

10. The estimated amount of groundwater withdrawn each year uses as is on farmland unit used for winter pasture

11. The log of formations encountered in the drilling of each well if available
13 ft Clay and dirt, 7 ft sandstone, 6 ft blue clay

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

Signature of Owner

Anna Etzel

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.

29792

STATE OF MONTANA, }
County of Richland, } ss. 286498

Filed this 31 day of

Dec. A D 1903

at 11:38 o'clock P.M.

D. L. Hooker

County

R. L. Johnson

Deputy

fee: 200
filed

File No. _____

T. 20 N R. 57 E

DUPLICATE

County _____

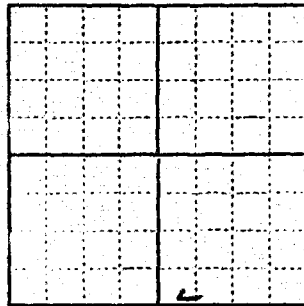
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Melvin Lee of Savage 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:



Sec. 34 Sec. T. 20 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 Household use
and watering stock

3. Date or approximate date of earliest beneficial use; and how continu-
 ous the use has been Continuous use since
approximately July 1927

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 loca-
 tion of each well or other means of withdrawal Windmill &
Pump Jack

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

8. The depth of water table Fifteen or more 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. 85 ft. deep, bored well 24" in diameter
reducing to 18 inches toward the bottom of well.

10. The estimated amount of groundwater withdrawn each year About 146,000 gallons per year.

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

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

Signature of Owner Melvin LeeDate June 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.

30074

286780

STATE OF MONTANA, } ss.
County of Richland,

Filed this 2 day of
January A. D. 19 24
at 7:17 o'clock A.M.

E. H. Lockard

County Recorder

E. Lock

Deputy

fee \$2.00
filed

File No.

T. 20 N. R. 57

DUPLICATE

County Richland

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

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater December, 31, 1963

Owner Malvin Lar Address Savage, Montana

Contractor (if any)

Address of Contractor

Date Started..... Date Completed Approx. 1925

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Water is obtained by means of a length of pipe inserted in the ground and water seeps into the pipe and then runs into a small pond.

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. This spring waters cattle and is used the year around. The spring flows about 2 to 3 gallons per minute.

Signature of Owner Malvin Lar

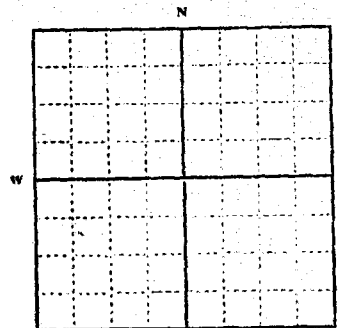
Date December 31, 1963

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. E 1/4 Sec. 4, T. 20, R. 57

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

29862

286569
STATE OF MONTANA, } ss. 286569
County of Richland,

Filed this 31 day of

Dec. A.D. 1963

at 12:49 o'clock P.M.

E. L. Kroger

County Recorder

R. Atchison

By

fee: 2.00
filed

File No.

T. 20 N. R. 57 E.

DUPLICATE

County Richland

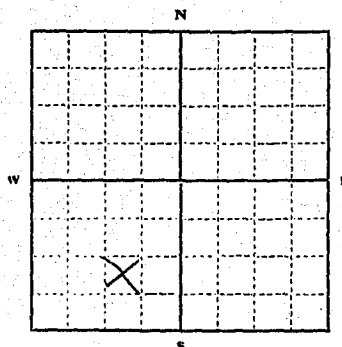
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SE 1/4 SW 1/4

Sec. 6 T. 20 N. R. 57 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.....
1940 and continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
2,000 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.....
windmill

SW 1/4 Sec. 6, Twp. 20 N., Rgs. 57 E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
1948 and continuous
8. The depth of water table.....
100 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.....
windmill type about 120 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

ALCO RANCHES

Signature of Owner Raymond A. Island
Vice President

Date December 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; Triuplicate to the Montana Bureau of
Mines and Geology, and Quadruplicate for the Appropriator.

29401

286072

STATE OF MONTANA }
County of Richland }

Filed this 27 day of December A.D. 19 63

at 1:28 o'clock P. M.
E. L. Lusk
County Recorder
John Burke
Deputy

fee 2⁰⁰
filed

RECEIVED

JAN 6 1960

T. 20N R. 57E 8
County Richmond

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Otto Lange Address Lange, Mont.
Driller David Sullivan Address Sullivan, Mont.
Date Started Nov. 1, 1959 Date Completed Nov. 14, 1959
Location: Sec. 8 T. 20 R. 57 $\frac{1}{4}$ sec. SW

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 68 ft. Type steel Size 6"

Casing: 65 ft. to 114 ft. Type steel Size 4 1/2"

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

Perforated or Screened: Ft. 45 to ft. 114 Ft. _____ to ft. _____

Type of screen or perforations 3/4 Hald

Static Water level, for non-flowing well: 40 feet

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

Pumping water level 90 feet at 20 gal. per min.

How tested: Bailer

Length of test 3 HRS

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

(over)

Log of Weiß

Depth, feet		Description of Material Drilled
From	To	
0	38	Gravel
38	45	sand
45	57	clay
57	77	coal
77	82	clay
82	114	Blue sandy clay

265502

STATE OF MONTANA, } ss
County of Richland, }

Filed this 5 day of
January A. D. 1960
at 11:00 o'clock P. M.

E. S. Hooker
County Recorder

A. Shuckman
Deputy

No fee.

CV.

Approved Stock Form—State Publishing Co., Helena, Montana—4234

File No. _____

T. 20 N. R. 5-7 E.

DUPLICATE

County. Richland

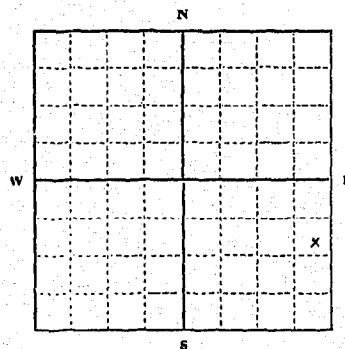
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



S. 1/4 of Sec. 8, T. 20 N. R. 5 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 use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been since 1st 1948
used continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 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 pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Drilling started May 5 1945 completed June 15 1945
8. The depth of water table 126 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 11 ft pipe
10. The estimated amount of groundwater withdrawn each year 73000 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 110 acres for irrigation

Signature of Owner Otto M. Lange

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.

29893

286599

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

Filed this 31 day of
December A. D. 19 63
at 1:19 o'clock, P.M.

E. L. Kooker
County Recorder

E. Cook
Deputy

fee \$200
filed

File No.

T. 20 N. R. 57 E.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

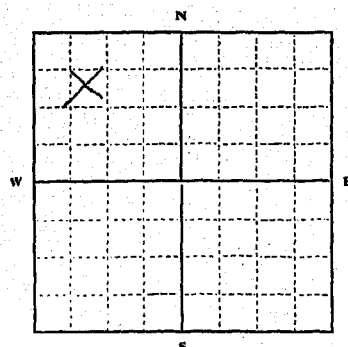
County Richland

RECEIVED
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alco Ranches, 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:



NW $\frac{1}{4}$ NW $\frac{1}{4}$
Sec. 10 T. 20 R. 57 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
1940 and continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2000 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
natural flow from dugout
NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Sec. 10, Twp. 20 N., Rge. 57 E.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1940
8. The depth of water table 10 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 natural flow from dugout
10. The estimated amount of groundwater withdrawn each year 200,000 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

ALCO RANCHES

Signature of Owner By Eugene A. Salmer
Vice PresidentDate December 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.

29403

286074

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

Filed this 27 day of
December A.D. 1963

at 1:30 o'clock P. M.

E. L. Koskus
County Recorder
Helmut Luske
Deputy

for \$200
filed

File No.

T. 20 N. R. 57 E.

DUPLICATE

County Richland

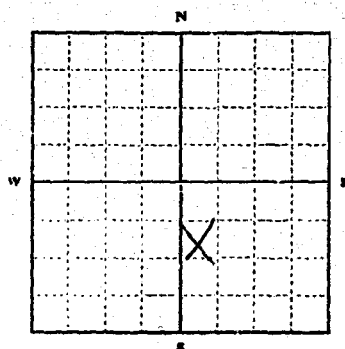
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SE 1/4 Sec. 12 T. 20 R. 57 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 1958 and continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2,000 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
windmill type pump
SE 1/4 Sec. 12, Twp. 20 N., Rge. 57 E.

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 approximately 100 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 windmill type 6 inch metal cased depth approximately 120 feet
10. The estimated amount of groundwater withdrawn each year 200,000 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

ALCO RANCHES

Signature of Owner Eugene A. Lander Vice PresidentDate December 26, 1953

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. 1. not applicable, so state, otherwise the form will be returned.

The State Engineer: Triplicate to the Montana Bureau of

STATE OF MONTANA, } ss. 28673
County of Richland.

I, 27 day of
December 19 63
at 1:30 P. M.

E. L. Kasper
County Recorder
Heber Shuck
Deputy

by 20
filed

File No.

T. 20 N. R. 57 E.

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

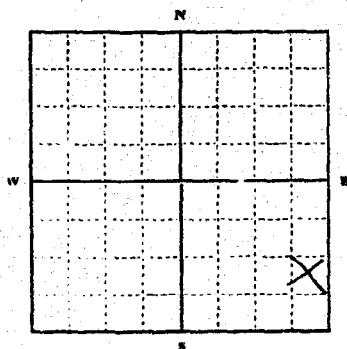
RECORDED
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



1 SE 1/4 Sec. 14, T20N R. 57 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
1960 and continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2,000 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
windmill
SE 1/4 Sec. 14, Twp. 20 N., Rge 57 E.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1960
8. The depth of water table 100 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 windmill type 6 inch metal casing about 120 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

Signature of Owner

ALCO RANCHES
Byron A. Olson
Vice President

Date December 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.

29400

286071

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

Filed this 27 day of
December A.D. 19 63
at 1:36 o'clock P.M.

E. L. Farker
County Clerk
Helen Shanks
Deputy

for \$⁰⁰/₁₀₀
Filed

T. 20N R. 57E 16
County Richland

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUL 5 1960

WATER WELL LOG

STATE ENGINEER

Owner Donald Price Address Savage, Mont.
Driller Harold Gulbransen Address Savage, Mont.
Date Started 1-15-60 Date Completed 5-25-60
Location: Sec. 16 T. 20 R. 57 $\frac{1}{4}$ sec. NE

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

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

Casing: 0 ft. to 150 ft. Type steel Size 6"

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

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

Perforated or Screened: Ft. 11.3 to ft. 150 Ft. _____ to ft. _____

Type of screen or perforations $\frac{1}{4}$ " slots

Static Water level, for non-flowing well: 105 feet.

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

Pumping water level 115 feet at 15 gal. per min.

How tested: bailer

Length of test 4 hrs.

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	15	brown clay
15	23	brown sandy clay
23	64	gravel
64	86	yellow clay
86	105	coal
105	132	blue sandy clay
132	135	coal
135	148	blue sandy clay
148	150	coal

267988

STATE OF MONTANA, ss.
County of Richland.

Filed this 1 day
of July 1960
at 8:56 a.m.
E. S. York
County Recorder
E. S. York
Deputy

No fee

File No.

T. 20 N. R. 57 E. 16

DUPLICATE

County Richland

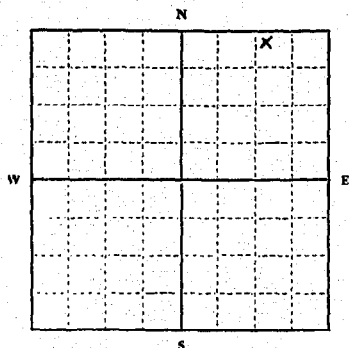
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Donald A. Puel S. of RR2 Box 16, Savage
(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. 16 T. 20 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

livestock use

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

March of 1960, summer
use for livestock since then.

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

4 gallons per minute

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

not used for irrigation

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

hand pump, 2 inch pipe, 150 feet
pump rods

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

started and completed in March of 1960

8. The depth of water table

105 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

dilled well, 6 inch casing, 150 feet

10. The estimated amount of groundwater withdrawn each year

170,000 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 Donald A. Puel S.Date December 13, 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.

29479

STATE OF MONTANA, } ss. 286175
County of Richland.

Filed this 30 day of
December A.D. 1963
at 12:24 o'clock P.M.

E. L. Kooker
County Recorder
E. Cook
Deputy

fee \$2.00
filed

File No.

T. 20 N. R. 57 E.

DUPLICATE

County Richland

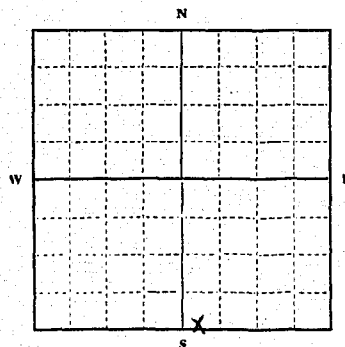
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Donald A. Price Sr., of R.R. 2 Box 16, Savage
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 16 T. 20 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 livestock
and household use
3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been spring of 1912
continuous use since then
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
not used for irrigation, however
sprinkled with for lawn and
garden
6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal
submersible pumps
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater original well (1912) was abandoned in November
of 1959 when new well was completed at same location
8. The depth of water table 87 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, 6 inch casing, 135 feet
10. The estimated amount of groundwater withdrawn each year 900,000 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 Donald A. Price Sr.Date December 13, 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.

29480

STATE OF MONTANA, } ss. 28676
County of Richland,

Filed this 30 day of
December A. D. 1963
at 12:26 o'clock, P. M.

E. L. Kooker
County Recorder

E. Cook

fee \$2.00
filed

RECEIVED

Richland
County

JUN 8 1972

DRILLER'S LOG 19

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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.

(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

Jack Spithoven

Address

Harlem
Montana

For Administrator's Use

File 322964

June 6, 1972 4:30pm

R.J.B.

Date well started

April 10

1972

completed

May 5

GW 1

Type of well

drilled

Equipment used

Cable Tool

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

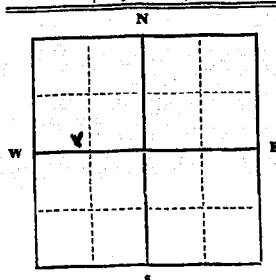
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*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 500,000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
4"	4"	0	65 1/2	Kind Size From (Feet) To (Feet)
				8" W 57 1/2 65 1/2
	11# per ft.			



Static water level 48' ft.*
Pumping water level 63 ft.*
at 5 gallons per minute,
measured minutes after pumping
began.
*Measured from ground level.
Well developed by Bailing
for 1 hour.
Power Pump HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

S.W. 1/4 N.N. 1/4 Sec. 19
T. 20 N. R. 57 E. R.J.B.

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

Driller's Signature

C.H. Star

Driller's Address

Box 1183 Mendota Mont

LICENSE NO

68

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
0	10
10	20
20	30
30	40
40	50
50	60
60	70
70	80
80	90
90	100
100	110
110	120
120	130
130	140
140	150
150	160
160	170
170	180
180	190
190	200
200	210
210	220
220	230
230	240
240	250
250	260
260	270
270	280
280	290
290	300
300	310
310	320
320	330
330	340
340	350
350	360
360	370
370	380
380	390
390	400
400	410
410	420
420	430
430	440
440	450
450	460
460	470
470	480
480	490
490	500
500	510
510	520
520	530
530	540
540	550
550	560
560	570
570	580
580	590
590	600
600	610
610	620
620	630
630	640
640	650
650	660
660	670
670	680
680	690
690	700
700	710
710	720
720	730
730	740
740	750
750	760
760	770
770	780
780	790
790	800
800	810
810	820
820	830
830	840
840	850
850	860
860	870
870	880
880	890
890	900
900	910
910	920
920	930
930	940
940	950
950	960
960	970
970	980
980	990
990	1000

Show exact depth of bottom

50,560

322964

STATE OF MONTANA, }
County of Richland } ss.

Filed this 6 day of

June A. D. 1972

at 4:30 o'clock, P. M.

John Sherke
County Recorder
Jay Costenyer
Deputy

Filed
Fee \$2.00

RECORDED TO MONROE
A RECORDING BY MONTANA
COUNTY RECORDER BOOKS
RECORDED TO MONROE