

File No.

DUPLICATE

T. 24 N R. 57 E

County. Richland

STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Fred Frank Address Lidney, Mont
Driller Raymond J. Petersen Address Lidney, Mont.

Date of Notice of Appropriation of Groundwater

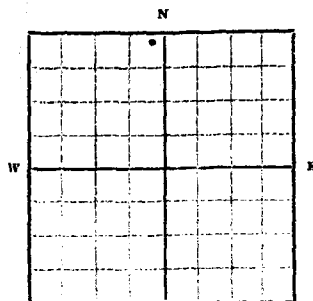
Date well started 5-15-62 Date Completed 5-16-62

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

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8 inch	6 inch 10:50 # per ft.	Surface	38 ft.	5 inch ground holes	22 ft	38 ft.



1/4 Sec. No 24 T. 24 R. 57
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

38 ft.
Show exact depth of bottom.

Static Water Level for non-flowing Well is at 16 feet.Shut-in Pressure for Flowing Well not the casePumping Water Level 33 feet at 10+ gal. per minute.Discharge in gal. per min. of flowing well not the caseHow Tested Drill bailer Length of Test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation)

Casing is cemented at ground level for sanitation

Driller's License Number 111

Raymond J. Petersen
Driller's Signature

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

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

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

276835

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

Filed this 28 day of
May A. D. 19 62
at 12:20 o'clock, noon
E. L. Kerkner
County Recorder
D. Sullivan
Deputy

See: 8200

Filed

File No.

DUPLICATE

T. 24 N. R. 57 E.

County RichlandSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JUN 11 1964

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Raymond E. Egan Address Liberty, Mont. TanaDriller Ray J. Peterson Address Liberty, Mont. TanaDate of Notice of Appropriation of Groundwater 6-9-1964Date well started 6-2-64 Date Completed 6-4-64Type of well drilled Equipment Used chain drill
(dug, driven, bored or drilled) (Chain, drill, rotary or other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒

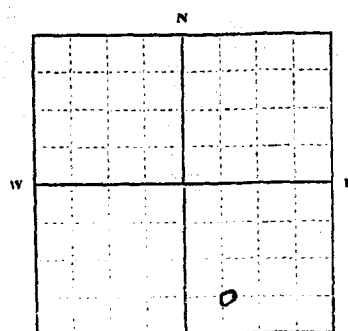
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Water rises to 16 ft. level

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
finish	6 inch O.D.	surface	89	1/4 inch round hole	41	62
	10:50" per ft.				74	89

Top of Ground
(Elev. above sea level 2902)

to 4 ft - topsoil
to 15 ft - gray clay
to 16 ft - coal
to 28 ft - yellow clay
to 42 ft - gray clay
to 43 ft - coal - very
to 49 ft - gray clay
to 54 ft - sandy gray clay,
a little water here.
to 76 ft - hard gray clay
to 78 ft - coal
to 85 ft - hard gray clay
to 87 ft - coal and lots
of water here.
to 89 ft - clay.
(casing well)



SE 1/4, Sec. 16, T. 24, R. 57
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

89 feet
Show exact depth of bottom.

Static Water Level for non-flowing Well 16 feet.Shut-in Pressure for Flowing Well Not the casePumping Water Level 60 feet at 5 gal. per minute.Discharge in gal. per min. of flowing well Not the caseHow Tested Drill bit Length of Test 1 1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) well isgravel packed to about 50 ft., 1 1/2" waterwas limited at top forgravel & cementationDriller's License Number 111Driller's Signature Raymond J. Peterson

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

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

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

32177

STATE OF MONTANA, } ss. 289194
County of Richland, }

Filed this 9 day of
June A. D. 19 1911
at 11.32 o'clock, A.M.

C. L. Kooker
County Recorder
R. Atchison
Deputy

Rep. 2.00
filed

File No.

T. 24N R. 57E

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

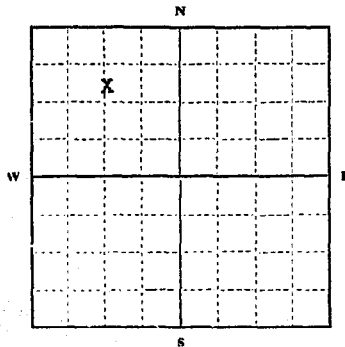
RECEIVED
DEC 27 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Edward Erickson, of 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:



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.....May, 1960
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....4 1/2 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

NW 1/4 Sec. 17 T. 24N R. 57E

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.....May 1960
8. The depth of water table.....60 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....6" 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

Edward Erickson

Date 12-20-63

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

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

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

13696

285993

STATE OF MONTANA, } ss.

December 26 1962
2:21 P.M.
E. L. Kooper
Helen Lierke
J. 00
filed

File No.

DUPLICATE

T. 24N R. 57E

County Richland

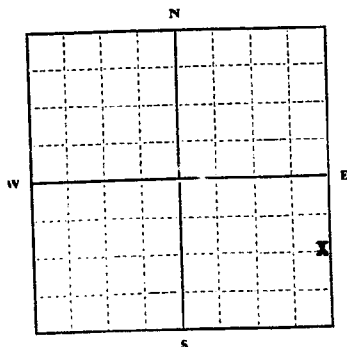
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Edward Erickson, of 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 1/4 Sec. 18 T. 24N R. 57E.

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
May, 1960
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
40 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
May 1960
8. The depth of water table
60 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
6" 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

Date 12-20-63

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

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

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

1369

285994

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

Dec. 26 1923
C. L. Hooker
R. Atchison
Deputy

fee: 200

filed

File No.

T. 24N R. 57E

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

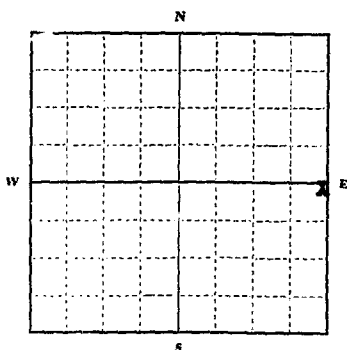
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 27 1963

STATE ENGINEER

1. Edward Erickson, of 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 1/4 Sec. 19 T24N R. 57E

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 stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been..... 1936 continuous since
4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... 7 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
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..... 1936
8. The depth of water table..... 53 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
24" 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 Edward EricksonDate 12-20-63

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

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

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

13698

285995

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

26 day of
Dec. 1963
2:25
C. L. Kooker
R. Atchison

Fee: \$ 2.00
filed

RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Halter Bauman Address Sidney, Montana

Driller Dorrell C. Loebel Address Sidney, Montana

Date Started _____ Date Completed _____

Location: Sec. 20 T. 24 R. 57 1/4 sec. S.W.

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: 2 ft. to 38 ft. Type galvanized Size 15 inch

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

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

Perforated or Screened: Ft. 22 to ft. 38 Ft. _____ to ft. _____

Type of screen or perforations 1/2 inch holes

Static Water level, for non-flowing well: 13 feet feet.

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

Pumping water level: 33 feet at 2 gal. per min.

How tested: Centrifugal pump

Length of test: 4 hrs

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

Gravel packed around outside of casing.

(over)

Depth, feet		Description of Material Drilled
From	To	
0	13'	Yellow Clay
13'	13'-3"	Shallow Coal Veins
13'-3"	22'	Blue Shale
22'	24'	Sandy Clay
24'	33'	Blue Shale
33'	34'	Coal Vein
34'	38'	Blue Shale

257683

STATE OF MONTANA,
County of Richland, ss.

I, John D. Smith, Clerk of said County, do hereby certify that the foregoing is a true and correct copy of the log of the well drilled by John D. Smith at Richland, Montana, on the 10th day of August, 1910.

John D. Smith
County Clerk

257683

State of MICHIGAN,
County of Richland,

Filed in 1920

DAY OF

At-2-2

15

6-24-2018
County Rec

Deputy

File No.

T. 24 N. R. 57 E.

DUPLICATE

County RichlandSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEERSRECEIVED
OCT 27 1962Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Fred Frank Address Sidney, Mont
 Driller Ray J. Peterson Address Sidney, Mont
 Date of Notice of Appropriation of Groundwater Oct. 5-1962
 Date well started 10-1-62 Date Completed 10-3-62
 Type of well Drilled Equipment Used Churn Drill
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)
 Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
 Industrial ☐ Drainage ☐ Stock ☒

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

Top of Ground

(Elev. above sea level.)

near 2300
 to 14 ft. yellow clay
 to 16 ft. gravel and a little water

to 34 ft. yellow clay
 to 38 ft. dark clay
 to 38 ft. a light clay
 & a little water,

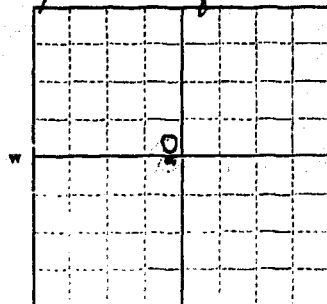
to 68 ft. light blue clay

to 72 ft. dark brown clay

to 87 ft. light blue
 clay - a few fossil
 shell pieces

to 88 ft. coal slack

to 91 ft. sandy blue
 clay & coal, with a small full
 of water



N. 24 N. Sec. 20 T. 24 R. 57
 Indicate location of well and
 place of use, if possible. Each
 small square represents 10 acres.

91 feet
 Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 inch	6 inch w.t.	surface	91	4 inch hole	12	22
	10 inch w.t.				50	64
					81	91

Static Water Level for non-flowing Well 14 feet.Shut-in Pressure for Flowing Well Not the CasePumping Water Level 8.5 feet at over 15 gal. per minute.Discharge in gal. per min. of flowing well Not the CaseHow Tested Drill Bailer Length of Test 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) A plank bed

pump stand floor on steel
Civ. Eng. 16 inch bore ground for support
and sanitation

Driller's License Number 111

Raymond J. Peterson
 Driller's Signature

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

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

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

STATE OF MONTANA, } ss. 280/80
County of Richland,
Filed this 26 day of Dec. A D. 1968
at 9:42 o'clock, P. M.
E. L. Lasker
County Recorder
D. Sullivan
fil. # 200
filed

File No.

T. 24 N. 57 E.

DUPLICATE

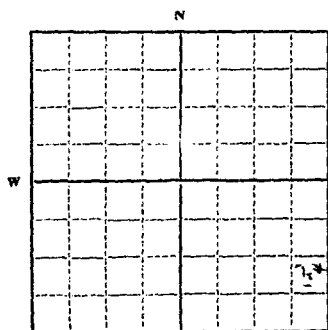
County. Richmond

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 5 1963

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

1. Franklin E. Thompson of Harvard, Idaho
(Name of Appropriator) (Address) (Town)
County of Richmond State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec 21 T. 24 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. water and stock water rights
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1929 - 1945
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1000 gpm
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. No. 1 - 2 ft. wooden casing - 60 ft. deep. No. 2 - 2 ft. wooden casing - 60 ft. deep. No. 3 - 2 ft. wooden casing - 60 ft. deep. No. 4 - 2 ft. wooden casing - 60 ft. deep.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. No. 1 - 1929, No. 2 - 1929, No. 3 - 1945, No. 4 - 1948
8. The depth of water table. approximately 25 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. No. 1 - 2 ft. wooden casing - 60 ft. deep. No. 2 - 2 ft. wooden casing - 60 ft. deep. No. 3 - 2 ft. wooden casing - 60 ft. deep. No. 4 - 2 ft. wooden casing - 60 ft. deep.
10. The estimated amount of groundwater withdrawn each year. 142 estimated 18,500 gal
11. The log of formations encountered in the drilling to each well. 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: Franklin E. ThompsonDate: Nov 4, 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. 285167
County of Richland, }

Filed this 4 day of

Nov. A. D. 19 63

at 12:55 o'clock, P. M.

C. A. Roeder

County Recorder

D. Sullivan

Deputy

ju. # 200
filed

21

File No.

T. 24 N. R. 57 E.

DUPLICATE

County RichlandSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

MAY 13 1964

Notice of Completion of Groundwater
Appropriation by Means of Well ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level about 2300)

To 1 ft. topsoil

To 10 ft. grayish yellow sandy clay

To 18 ft. yellow sandy clay

To 26 ft. brownish fine soft clay

To 30 ft. yellow soft clay

To 32 ft. coal layer - dry

To 42 ft. fine gray sandy clay
and about 3 gal. of brown water

To 76 ft. whitish gray clay

To 85 ft. dark gray clay

To 116 ft. gray clay

To 119 ft. soft brown coal stuff

To 121 ft. soft coal

To 123 ft. harder coal and
lots of water here

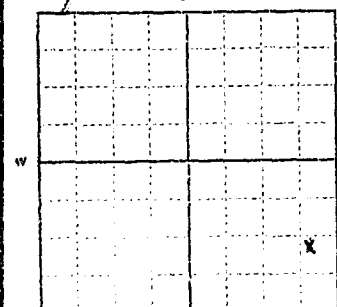
Owner Frank E. Egan Address Sidney, MontanaDriller Ray J. Peterson Address Sidney, MontanaDate of Notice of Appropriation of Groundwater Feb. 17 - 1964Date well started Feb. 6 - 64 Date Completed Feb. 10 - 64Type of well Drilled Equipment Used Churn drill
(dug, driven, bored or
drilled) (Churn, drill, rotary or
other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒

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

water rises to 60 ft. top

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 inch	6" O.D.	surface	123	1/4" round hole	5	123
	10" 50' per ft.					

end of well



S.E. 1/4, Sec. 21, T. 24 N. R. 57 E.
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

123 ft.
Show exact depth of bottom.

Static Water Level for non-flowing Well 60 feet.Shut-in Pressure for Flowing Well not the casePumping Water Level 117 feet at 5 gal. per minute.Discharge in gal. per min. of flowing well not the caseHow Tested Drill bailer Length of Test 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) Casing is

cemented at ground level for
support & sanitation, & gravel
packing lower half of well.

Driller's License Number 111

Raymond J. Peterson
Driller's Signature

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

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

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

38085

STATE OF MONTANA, } ss. 288851
County of Richland,

Filed this 19 day of
May A. D. 19 64
at 2:55 o'clock P. M.

C. Hooker
County Recorder
H. Atchison
Deputy

fee: 2.00
filed

File No.

DUPLICATE

RECEIVED

T. 24 N. R. 57 E.

County. DicklandSTATE ENGINEER
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level. near 3300.)

to 5 ft. - topsoil
to 27 ft. yellowish sandy clay
to 30 ft. a gravel layer and water here
to 48 ft. yellow clay
to 55 ft. a dark sandy clay with a little water

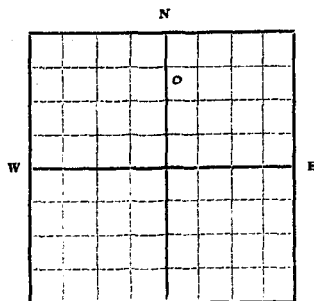
Owner Raymond Fran. Address Sidney, MontanaDriller Raymond J. Petersen Address Sidney, Montana

Date of Notice of Appropriation of Groundwater

Date well started 5-16-62 Date Completed 5-17-62Type 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)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8 inch	6 inch 10 x 50 # per ft.	Surf	41 ft.	7/8 inch round holes	20 ft.	41 ft.
8 inch	4 inch 7.75 #	38 ft.	55 ft.			



1/4 Sec. 21 T. 24 R. 57
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

55 feet
Show exact depth of bottom.

Static Water Level for non-flowing Well at 16' feet.Shut-in Pressure for Flowing Well not usedPumping Water Level at 50' feet at 10 gal. per minute.Discharge in gal. per min. of flowing well not the caseHow Tested Drill bailer Length of Test 50 minutes

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) This well is cemented at ground level for sanitation.

111
Driller's License Number

Raymond J. Petersen
Driller's Signature

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

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

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

STATE OF MONTANA, } ss. 276834
County of Richland,

Filed this 22 day of

May A. D. 19 62
at 11:58 o'clock, P. M.

E. H. Kober
County Recorder

E. Hawley
Deputy

Filed 12:00

Filed

File No. _____

MONTANA WATER RESOURCES BOARD

T. 24 N. R. 57 E

QUADRUPLICATE

RECEIVED

County Richland

LOG

OCT 2

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 2636)**Notice of Completion of Groundwater
Appropriation by Means of Well**
DEVELOPED AFTER JANUARY 1, 1962

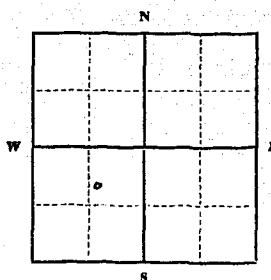
(Under Chapter 237, Montana Session Laws 1961)

Owner Ray Frantz Address Spokane, MontDriller Lloyd Salisbury Address Fairview, MontDate of Notice of appropriation of groundwater Sept 28-68Date well started Sept 26-68 Date completed Sept 27-68Type of well Bored Equipment used Boring
(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.

1 to 3 - gravel
3 to 9 - sandy clay
9 to 11 - Coal
11 to 16 - sandy clay
16 to 21 - sep water
21 to 32 - clay
32 to 37 - water sand
37 to 49 - clay
50 ft - streaky coal
50 to 52 - clay
52 to 53 - sand
53 to 55 - clay

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
26"	20" ID 100# Per ft	0'	55'	3/8"	30'	55'

Static Water Level for non-flowing well 16 feetShut-in Pressure for Flowing Well CasePumping Water Level 32 feetat 8 gal. per minute.Discharge in gal. per min. of flowing well not testHow Tested BailedLength of Test approx 1 hr

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff) Packedwith washedfine gravelSW 1/4 Sec 22 T24 R57
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number 159Driller's Signature Lloyd Salisbury44,620

306888

STATE OF MONTANA, }
County of Richland, } ss

Filed this 1 day of
October A. D. 19 68
at 2:36 o'clock P. M.

Helen Hurkes
County Recorder
Edmund J. Cook
Deputy

fee \$2.00

GV.

File No. _____

DUPLICATE

RECEIVED
MAY 20 1964

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

T. 24 R 57 E 23

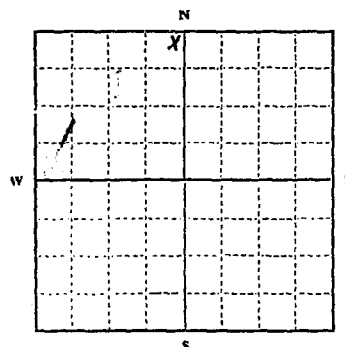
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NW 1/4 Sec. 23 T. 24 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
for livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1944
Yearly
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
used for 200 head cattle
Part Time
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

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

8. The depth of water table 90 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

Pump - Windmill

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner Dan Danielson

Date Dec 31 1963

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

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

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

30093

286 799

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

Filed this 21 day of
Jan. A. D. 19 64
at 9:36 o'clock, P. M.

B. A. Kooker
County Recorder
R. A. Johnson
Deputy

Fee: 2.00
Filed

File No.

T. 24 N. 57 W.

DUPLICATE

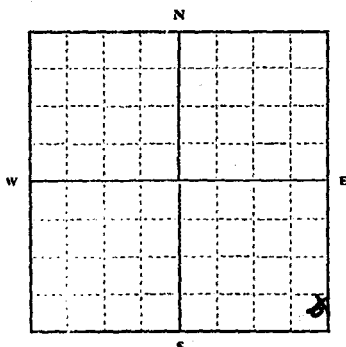
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, DENNIS DENNISON, of GIRARD RT 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. 25 T. 24 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 Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
December 4, 1963
year around
4. The amount of groundwater claimed (in miner's inches or gallons per minute).
5 gallons
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
NOT APPLICABLE
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Pump Jack operated with ELECTRICITY

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
12-4-63-12-11-63, jet pump operated electrically
8. The depth of water table.
72 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
Well is 2 ft. bored with 21" steel casing and is 76 ft. deep.
10. The estimated amount of groundwater withdrawn each year.
150,000 gallons
11. The log of formations encountered in the drilling of each well if available.
Mostly sand and clay formations, water runs at about 150 ft. also at 70 ft. with lots of water here.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
none available

Signature of Owner Dennis Dennison

Date Dec 31, 1963

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

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

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

29900

286606

STATE OF MONTANA, } ss.
County of Richland,

Filed this 31 day of
December A. D. 1963
at 1:26 o'clock, P.M.
E. R. Kasken
County Recorder
E. Cook
Deputy

Fee \$2.00
filed

File No.

DUPLICATE

T. 24N R. 57E

County Richland

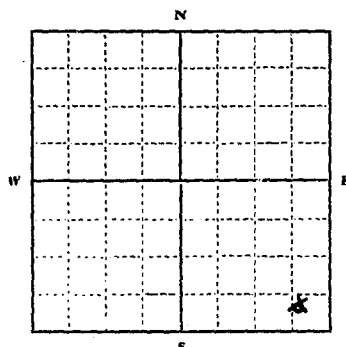
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Dennis Dynneson of GIRARD RT 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. 25 T. 24 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Fall 1938
Nov 1 - May 10

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

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

NOT APPLICABLE

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

Pump Jack Operated with Electricity

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

8. The depth of water table
98'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
5" Casing - 112' Deep

10. The estimated amount of groundwater withdrawn each year
180,000 gallons

11. The log of formations encountered in the drilling of each well if available
no record in possession

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

Signature of Owner Dennis DynnesonDate December 31, 1963

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

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

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

29899

286605

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

Filed this 31 day of

December A. D. 19 63

at 1:25 o'clock, P. M.

E. S. Kasper

County Recorder

E. Cook

Deputy

fee \$2.00
filed

File No.

T. 24N R. 57E

DUPLICATE

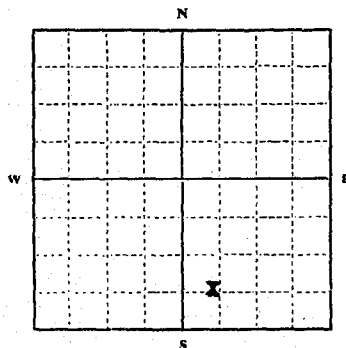
County. Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

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

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



SE 1/4 Sec. 29 T. 24N R. 57E

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
50 years ago
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
10 gallons per minute and more
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
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
50 years ago
8. The depth of water table
83 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
24" casing wooden
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 Edward Erickson

Date 12-20-63

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

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

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

13694

285991

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

Filed this 26 day of
Dec A. D. 19 63

at 2:17 o'clock P.M.
C. L. Kooker
County Recorder
R. Atchison
Clerk

fee : 2.00

filed

File No.

T. 24 N. R. 57E

DUPLICATE

County. Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

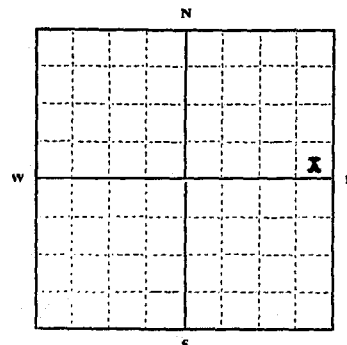
RECEIVED
DEC 27 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Edward Erickson, of 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 30 T24N R 57E

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 Spring, 1960
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
electric motor and windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Spring, 1960
8. The depth of water table 225 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 5" 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 similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date 12-20-63

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

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

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

13695

285992

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

Filed: 26 day of
Dec. A.D. 1963

at 2:19 o'clock P.M.
E. L. Hooker

County Reco:
R. Atchison

for 200 Deputy
Filed

GW2

File No.

DUPLICATE

RECEIVED

STATE ENGINEER

T. 24 R. 57

County: HicklandSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: David Albin Address: Sidney, Montana
Driller: Raymond J. Petersen Address: Sidney, Montana

Date of Notice of Appropriation of Groundwater

Date well started: 5-18-62 Date Completed: 5-24-62Type of well: Drilled Equipment Used: Churn
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8 inch	6 inch	Surface	152 ft.	4 round holes	90 ft.	100 ft.
	10:50"				also at 130 ft.	152 ft.

Static Water Level for non-flowing Well: at 92 feet.Shut-in Pressure for Flowing Well: not the casePumping Water Level: 148 feet at 6 gal. per minute.Discharge in gal. per min. of flowing well: not the caseHow Tested: Drill bailer Length of Test: 1 1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation)

The casing is cemented at ground level for sanitationDriller's License Number: 111Driller's Signature: Raymond J. PetersenTop of Ground near
(Elev. above sea level. 2300)2 ft. is Topsoilto 14 ft.sandy clayto 24 ft.yellow clayto 34 ft.gray clayto 52yellow clayto 56Hard sand rockto 92 ft.blue clayto 96 ft.coalto 128 ft.white clayto 138 ft.blue clayto 144 ft.sand & water mainto 152 ft.clay sandto 152 ft.clay sandto 152 ft.clay sandto 152 ft.clay sandto 152 ft.clay sandto 152 ft.clay sandto 152 ft.clay sandto 152 ft.clay sandto 152 ft.clay sandto 152 ft.clay sand

N.W. 1/4 Sec. 32 T. 24 R. 57

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

152 ft.

Show exact depth of bottom.

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

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

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

784

STATE OF MONTANA, } ss. 276836
County of Richland, }

Filed this 28 day of

May A. D. 1962
at 12:02 o'clock, P.M.

E. L. K. K. K.
County Recorder

E. K. K. K.
Deputy

See #212

Filed

File No.

DUPLICATE

T. 24N 57E 14

County Richland

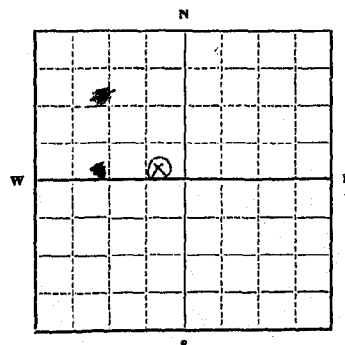
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. W. Lester Olive M. McMillen of Girard Rt. 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. 34 T. 24 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.....
Stockwater

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been..... 1948 - used
every year

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

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
Not 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 and windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater..... Approximately one week to complete and
done spring 1948

8. The depth of water table..... Approximately 60 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..... This is a two-foot bored well with
a 1 1/2" wood casing. Depth 65 ft. Cannot pump dry

10. The estimated amount of groundwater withdrawn each year..... 2000 to 10000 gal. 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

W. Lester McMillen
Olive M. McMillen

Date 12-30-1963

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

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

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

29462

STATE OF MONTANA, } ss. 886158
County of Richland,

Filed this 30 day of
December A. D. 1963
at 11:50 o'clock, P. M.

E. L. Cooper
County Recorder
Deputy Clerk

for 200
filed

File No.

T. 24 N R. 57 E ³⁵

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

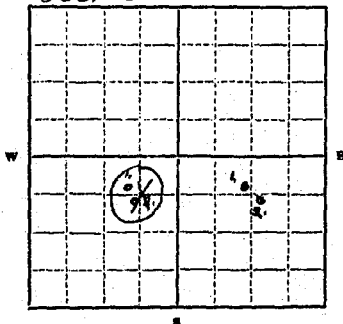
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

^{and Olive}
W. Lester ~~McMillen~~ ^{McMillen} of Girard Rt 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:

Sec. 35 N



S.E. 1/4 Sec. 35 T. 24 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 domestic
and stockwater use

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been abt. 1950 } continuous for domestic
abt. 1930 }

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) seven 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
one-half acre of garden and lawn for
owners

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

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 #1 approx. 70 feet #2 approx. 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.
well - 2" dia., depth 75 feet
2nd - 12" dia., depth 35 feet

10. The estimated amount of groundwater withdrawn each year #1 - 3600 gal. #2 - 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

W. Lester McMillen
Signature of Owner Steve M. McMillen
Date Dec. 30, 1963

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

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

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

29463

STATE OF MONTANA } ss. 286159
County of St. Land.
Filed this 30 day of
December A. D. 1962
at 11:52 P. M.
E. L. Hooker
County Recorder
R. Atchison
Deputy

Fee \$2.00
Filed

GROUNDWATER INDEX

Page 1 of 8

County Richland Twp. 24N Rge. 58E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
8	Jensen Albert	LW 4	286415	
9	Jensen Albert	LW 2	286414	
10	Berry Mae Rennie	LW 4	285735	
12	Meloy Dallas	LW A	325358	
15	Dwyer Kenneth Mae Berry Mae Rennie	LW 4	285733	
15	Berry Jack	LW 2	285733	309091
18	Synnes Andrew	LW 4	286268	
24	Edgar Hauchey Farm Inc.	LW 4	286184	
24	Edgar Hauchey Farm Inc.	LW 4	286185	
24	Edgar Hauchey Farm Inc.	LW 4	286186	
27	Johansen Donald K	LW 4	286641	
29	Dyrmose Carl J.	LW 4	286526	
29	Dyrmose Carl J.	LW 4	286522	
30	Dyrmose Dennis	LW 4	286608	
30	Dyrmose Dennis	ST Mill Log	260419	
32	Tux Oil Co	LW 2	289176	
33	Petersen Raymond Jr.	LW 4	286321	
33	Petersen Raymond Jr.	LW 4	286320	
34	Raschuk Willie %or	LW 4	286656	
34	Raschuk Donna			
35	Raschuk Willie %or	LW 4	286656	See Section 34
35	Raschuk Donna			
35	Johnson Abner D	LW 3	286644	
35	Raschuk Willie %or	LW 3	286657	
	Raschuk Donna			

File No.

DUPLICATE

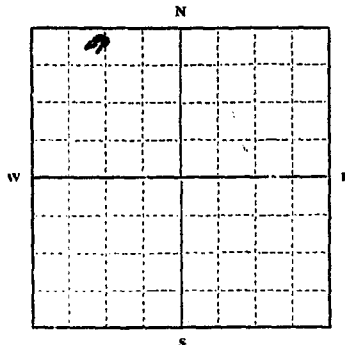
T. 24 1/2 58
County RichlandSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Albert Swanson, of Box 1044 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. 8 T. 24R 58
Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Household
3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1960
Continuously
4. The amount of groundwater claimed (in minutes inches or gallons per minute) 5 gals. 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 Jet Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 1960
8. The depth of water table 15 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 24 in. casing 37 ft deep.
10. The estimated amount of groundwater withdrawn each year 20,000
11. The log of formations encountered in the drilling of each well if available Not Available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record No Record

Signature of Owner

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 to the Appropriator.

29709

286415

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

31 day of
Dec. A. D. 1963
at 10:15 clock P. M.

E. L. Rooken

County Recorder

R. Atchison
Deputy

Fee: 2.00

filed

File No.

T. 24 N R. 58 E

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Notice of Completion of Groundwater
Appropriation by Means of Well

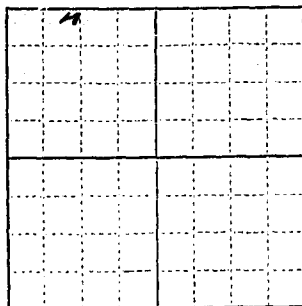
(Under Chapter 237, Montana Session Laws, 1961)

Owner Albert J. Jernigan Address Fairview, MontDriller Rayd Salberry Address Fairview, MontDate of Notice of Appropriation of Groundwater Sept 30 - 62Date well started Sept 30 - 62 Date Completed Sept 23 - 62Type of well Bored Equipment Used Boring Machine
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
18"	16"	0 to 60		3/8	30 to 55	



1/4 Sec. 8 T. 24 N. R. 58
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

60 ft.

Static Water Level for non-flowing Well 30 feet.Shut-in Pressure for Flowing Well Not the casePumping Water Level 58 feet at 5 gal. per minute.Discharge in gal. per min. of flowing well Not the caseHow Tested Bailed Length of Test 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) Gravelpacked with washed pea gravelRaymond J. Petersen

Driller's License Number

Rayd Salberry

Driller's Signature

Contractor

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

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

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

29708

286 414

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

31 day of
Dec. A. D. 1909
at 10:14 o'clock, P. M.

E. L. Kooker

County Clerk

H. Atchison

Deputy

fee: 200

filed

File No.

T. 24^N 58^E

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

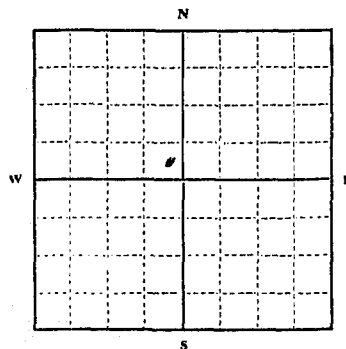
RECEIVED
DEC 18 1962

Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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



9 E 1/4 NW Sec. 10, T. 24, R. 58

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
cattle in pasture

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been July 21, 1960
used all summer

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater July 15 start complete July 21, 1960

8. The depth of water table 10 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater drilled 4 1/2" O.D. casing 30 ft deep

10. The estimated amount of groundwater withdrawn each year 1,728,000

11. The log of formations encountered in the drilling of each well if available 0-2 black loam
2-6 yellow clay 6-15 sand 15-21 gravel + sand 21-22
yellow clay 22-24 blue sand 24-30 coal

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 Mal Rennie Barry
Date Dec. 16, 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.

9875

STATE OF MONTANA, } ss. 285735
County of Richland,

Filed this 16 day of Dec A D 19 63
at 3:09 P. M.
E. S. Roake
County Recorder
J. Sullivan
Deputy

Dec 42
filed

From:
OFFICE OF CLERK & RECORDER
 Richland County
 Sidney, Montana 59270

County: Richland 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.

Recently, a Water Well Log was sent to your office (#325358) from Dallas Ullman - Fairview, Montana.

The date stated was January 15, 1972 and should be 1973. Please make the necessary changes on your copies.

Thank you,

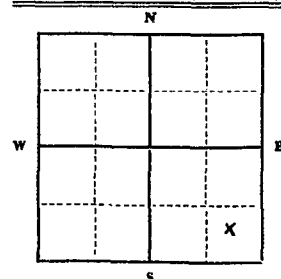
Helen Gierke
 Clerk & Recorder

*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 3,000,000 gals.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4 1/2" o.d. 10.89"	0	504	None		



Static water level 210 ft.
 Pumping water level 380 ft.
 at 8 gallons per minute, measured 120 minutes after pumping began.

*Measured from ground level.

Well developed by _____ for _____ hours.
 Power 500 Pump 1 1/2 HP
 Remarks: (Gravel packing, cementing, packers, type of shutoff) gravel-packed 504-535

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

Driller's Signature *[Signature]*

Driller's Address Box 1102 Sidney, Montana

LICENSE NO. 177

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	30	brown clay
30	95	grey shale
95	102	sand dirty water
102	117	grey shale
102	128	coal
128	154	grey shale
154	160	grey shaly sand
160	183	grey shale
183	198	sand dirty water
198	232	grey shale
232	233	rock
233	241	grey shale
241	247	coal
247	257	grey shale
257	264	grey shaly sand
264	284	grey silty sand
284	296	grey silty sand
296	304	grey shale coal
304	321	grey silty sand
321	332	coal
332	336	grey shale
336	347	coal
347	355	grey shale
355	360	grey shaly sand
360	380	grey shale
380	382	coal
382	385	rock
385	392	grey shale
392	420	sand water (sandy)
420	484	grey shale
484	490	coal sand
490	502	grey-brown shale coal
502	505	grey shale
505	525	sand(stone?) water
525	530	grey shale
530	535	brown shale

535 Show exact depth of bottom

52,221

12

nick-
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well.

dy)
a coal
ter

bottom

21

County Richland

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.

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 Dallas Ullman
Address Fairview, Montana
Date well started 6 Dec. 1972
completed 22 Dec. 1972

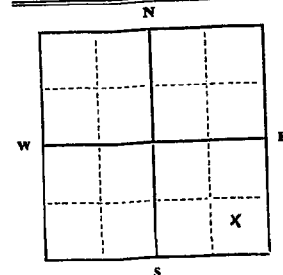
For Administrator's Use
File 325358
Jan. 15, 1973
12:15 P.M.
John Burke,
Clerk
GW By Patricia J. Cook

Type of well Drilled (Dug, driven, bored or drilled)
Equipment used churn drill (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 3,000,000 gal's

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4 1/2 o.d. 10.89"	0	504	None		



Static water level 210 ft.*
Pumping water level 380 ft.*
at 8 gallons per minute,
measured 120 minutes after pumping
began.
*Measured from ground level.
Well developed by _____
for _____ hours.
Power elec Pump 1 1/2 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)
gravel-packed 504-535

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

Driller's Signature [Signature]
Driller's Address Box 1102 Sidney, Montana
LICENSE NO. 177

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	30	brown clay
30	95	grey shale
95	102	sand dirty water
102	117	grey shale
102	128	coal
128	154	grey shale
154	160	grey shaly sand
160	183	grey shale
183	198	sand dirty water
198	232	grey shale
232	233	rock
233	241	grey shale
241	247	coal
247	254	grey shale
254	264	grey shaly sand
264	285	grey silty sand
285	296	grey silty sand
296	304	grey shale coal
304	321	grey silty sand
321	332	coal
332	336	grey shale
336	347	coal
347	355	grey shale
355	360	grey shaly sand
360	380	grey shale
380	382	coal
382	385	rock
385	392	grey shale
392	420	sand water (sandy)
420	484	grey shale
484	490	coal sand
490	502	grey-brown shale coal
502	505	grey shale
505	525	sand(stone?) water
525	530	grey shale
530	535	brown shale

535 Show exact depth of bottom

52,221

325358

STATE OF MONTANA, } ss.
County of Richland,

Filed this 15 day of

January A. D. 19 72
at 12:15 o'clock P. M.

Helen Gierke
County Recorder

Emmery Loane
Deputy

→ Correct year
is 1973 R.F.D.
(See attached note)

Fee \$2.00
filed

File No.

T. 34 N. R. 58 E.

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

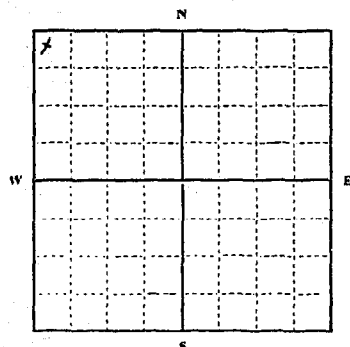
RECEIVED
DEC 18 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Mar. Dennis Barry, of Rt. 1 Fairview
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 14 T. 24 R. 58

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. General farm use, stock & household
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1928
undwelling day since
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10 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. N.E.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Windmill pump jack & electric motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Oct. 1928
8. The depth of water table. 20 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 6 inch hole metal well casing
19.7 ft deep
10. The estimated amount of groundwater withdrawn each year. 1,296,000
11. The log of formations encountered in the drilling of each well if available. Loam, gravel
sand, yellow clay, blue clay, coal but do not
remember at what depth
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Date

Mar. Dennis Barry
Dec. 16, 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. 285734
County of Richland, }

Filed this 16 day of

Dec. A. D. 19 63

3:07 o'clock P. M.

E. L. Linker

County Recorder

D. Sullivan

Deputy

fee: \$2.00

Filed

File No.

T. 24^N R. 5E P. 15

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

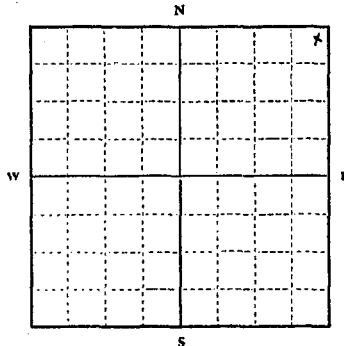
RECEIVED
DEC 18 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Mal Rennie Barry of R1 Fairview
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 15, T. 24, R. 5E

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

2. The beneficial use on which the claim is based watering stock and up until 1928 household use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Spring 1915
used every day since

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater spring 1915

8. The depth of water table 20 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 2 1/2 inch hole metal well
curving 108 ft deep

10. The estimated amount of groundwater withdrawn each year 1, 296,000

11. The log of formations encountered in the drilling of each well if available brass, sand
gravel, blue and yellow clay, coal but do not
remember at what depth

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 Mal Rennie Barry
Date Dec 16, 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. 285133
County of Richland,

Filed this 16th day of

Dec A. D. 19 163

3:05 o'clock, P. M.

E. L. Kosker
County Recorder

D. Sullivan
Deputy

B
fee: 2 20
filed

15

File No.

T. 24N R. 58E

DUPLICATE

MONTANA WATER RESOURCES BOARD

County. Hill

LOG

FEB 17 1982

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

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

DEVELOPED AFTER JANUARY 1, 1982

(Under Chapter 237, Montana Session Laws, 1961)

Owner. J. L. Dwyer Address. Billings, Montana

Driller. David Gulbraa Address. Billings, Montana

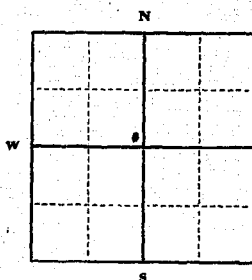
Date of Notice of appropriation of groundwater.....

Date well started. 11/7/80 Date completed. 1/7/81

Type 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)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	1 1/2" / 5.0	0	12			
6"	1 1/2" / 4.0	0	100			

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

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

Pumping Water Level..... 10 feet

at..... 15 gal. per minute.

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

How Tested.....

Length of Test.....

Remarks; (Gravel packing, cementing, pack-

ers, type of shutoff).....

.....

.....

.....

.....

..... (Continue on reverse side)

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

.....

.....

.....

Show exact depth of bottom.

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

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

Driller's License Number

David Gulbraa
Driller's Signature.

44,996

309091

STATE OF MONTANA, } ss.
County of Richland.

Filed this 13 day of
February A.D. 1969
at 3:15 P.M.

Helen J. Lisko
County Recorder

Deputy

Fee \$2.00
Filed

File No.

T. 24 N. R. 5-8

DUPLICATE

County Richland

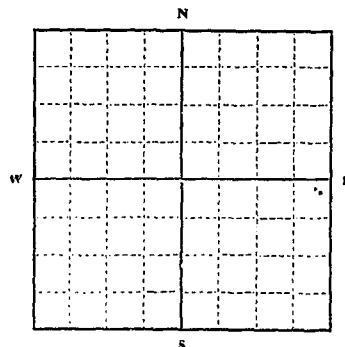
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Andrew Dymeson, of Grand Ole 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:



Sec. 18 T. 24 R. 5-8

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 hold & Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Been in use for many years, prior to my knowledge and I've been here since approx. 1940. Used continuously

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Don't know

8. The depth of water table Between 55' & 65'

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, approx 28" in diam

10. The estimated amount of groundwater withdrawn each year House hold use & 150 head of cattle

11. The log of formations encountered in the drilling of each well if available Some top soil and then mostly clay soil the way

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 By John E. Almond Andrew Dymeson

Date 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 Quaduplicate for the Appropriator.

29567

STATE OF MONTANA, }
County of Richland, }

286268

Filed Dec. 30, 1963

at 3:30 o'clock

E. J. Langer
County Clerk

W. L. Duke
Deputy
Filed

File No.

T. 24^N R. 58^E

DUPLICATE

County

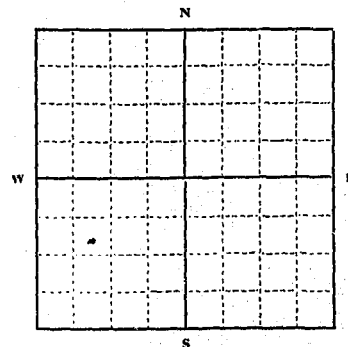
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Edgar Houshew Farm Inc., of Rte 1 Box 55 Fairview
(Name of Appropriator) (Address) (Town)

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



17W 1/4 Sec. 24 T. 24 R. 58

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
Stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1935 Approximately
CONTINUOUS
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5-7 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 applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric
motor and pump jack
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater UNKNOWN
8. The depth of water table 15' to water
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
24" Bored well about 35' deep
10. The estimated amount of groundwater withdrawn each year about 150,000 gal
11. The log of formations encountered in the drilling of each well if available.
UNKNOWN
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Edgar Houshew Farm Inc
Signature of Owner Walter S. Houshew Inc.

Date Dec 30, 1963

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

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

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

29487

STATE OF MONTANA, } ss. 286184
County of Richland,

Filed this 30 day of
December 1963

at 12:42 o'clock P.M.
C. J. Looper
County Recorder
John Lierke
Deputy

for \$2.00
filed

File No. _____

T. 24N R 58E

DUPLICATE

County _____

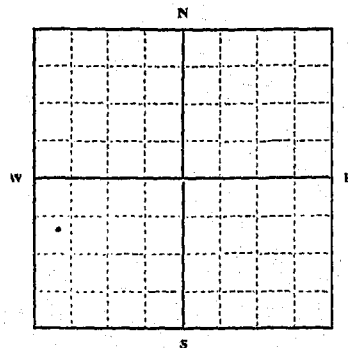
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. EDGAR HOUGHEN FARM INC., of RT. 1 BOX FAIRVIEW
(Name of Appropriator) (Address) (Town)

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



NW 1/4 Sec. 24 T. 24 R. 58

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 HOLD

3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been APPROXIMATELY 1942
CONTINUOUS

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 5-7 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 APPLICABLE

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1942

8. The depth of water table 19' to water

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater 24" Bored well 35' to 40' deep

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

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

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

Edgar Houghen Farm Inc
Signature of Owner Edgar Houghen

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.

29488

STATE OF MONTANA, } ss. 286185
County of Richland.

Filed this 30 day of

December D. 1962

at 12:44 o'clock, P. M.

E. L. Kooper
County Recorder

Helen Lierke
Deputy

for 200
filed