3 GW 1 Revised 1969
192—1500—10/69

PERMIT REQUESTED

County Prairie

RECEIVED
Thread Well #6357
AUG 25 1972
DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENT

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF APPROPRIATION OF GROUNDWATER

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

After filing a notice of appropriation, in order to acquire a right based thereon, the person must, within ninety (90) days, commence actual excavation and diligently prosecute construction of a well and, upon its completion, file a notice of completion with the County Clerk of the county in which the appropriation is located.

Three copies of this notice are to be filed 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 may be returned.

1. I, Bureau of Land Management (Name of Appropriator), of Miles City, Montana (Address) (Town)

   County of Prairie, State of Montana, intend to appropriate goundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is livestock water - approx. 200 head
   (describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed
   3-5 gallons per minute

   The estimated amount of groundwater to be used annually 135,000 gallons

4. The annual period (inclusive dates) of intended use May 1 to November 30

5. The probable or intended date of first beneficial use October 1, 1972

6. The probable or intended date of commencement and completion of the well* or wells*
   September, 1972

7. The location, type, size and depth of well or wells contemplated
   T. 11 N., R. 56 E., Sec. 1, SW¼SW¼ - pumped well, 6" x 325' deep

8. The probable or estimated depth of the water-table or artesian aquifer 150 feet

9. The name, address, and license number of the driller engaged
   Joe Johnson Drilling, Terry, Montana - License No. 154

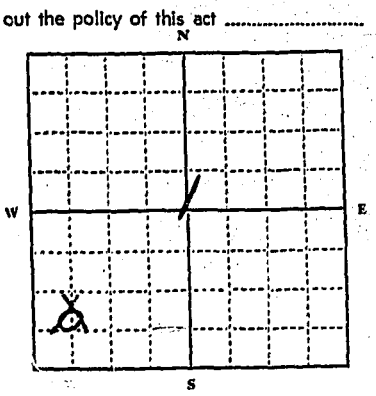
10. Give such other similar information as may be useful in carrying out the policy of this act
    An annual withdrawal of approximately 135,000 gallons should be made

PERMIT GRANTED

ADMINISTRATOR [signature]
WATER RESOURCES DIVISION

For Administrator's Use

File 94025
August 24, 1972 9:00 A.m.



SW ¼ SW ¼ Sec. 1

T. 11 N R. 56 E

LOCATE WELL OR OTHER MEANS OF DEVELOPMENT AS ACCURATELY AS POSSIBLE ON THE PLAT.

PERMIT REQUESTED

BUREAU OF LAND MANAGEMENT

by:
Signature of Appropriator [signature] Date AUG 21 1972

*As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

51,149

94025

Water Well Log
Bureau of Land Management
to
The Public

FILED
at 9:00 o'clock A M.
AUG 24 1972
John B. Lindal
County Clerk
Viola M. Gallaher
Deputy
Fee 9.00 pd

PERMIT GRANTED

3 GW 2 Revised 196
STATE PUBLISHING COMPANY

ADMINISTRATOR Gordon W. Boswell County Prairie 1
WATER RESOURCES DIVISION

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 Thread Well Bureau of Land Management

Address Miles City, Montana

Date well started 4/2/73

completed 4/17/73

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

Equipment used Air Rotary (Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

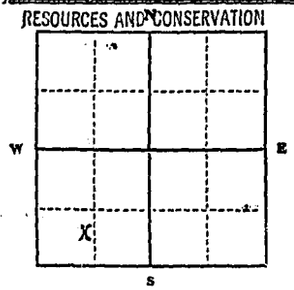
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 135,000 Gal.

For Administrator's Use
File 94849
MAY 24 1973
GW 1 9:20 A.M.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7 7/8"	6" OD 18.97#	+1	356	slots 1/8 X 6"	280	340

RECEIVED
MAY 29 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION



SW ¼ SW ¼ Sec. 1
T. 11 N. (N/S) R. 56 E. (E/W)

Static water level 246 ft.*
Pumping water level 260 ft.*
at 6 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by Air
for 8 hours.
Power ..... Pump ..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature Joe L. Johnson

Driller's Address Joe Johnson Drilling Terry, Montana

LICENSE NO. 154

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)

From (Feet)	To (Feet)	
0	10	Brown Topsoil
10	30	Brown sand
30	40	Coal & Sand
40	80	Gray Clay
80	90	Shale
90	130	Gray clay & Shale
130	140	Brown Clay with Coal
140	190	Clay and stringers of Sandstone
190	220	Sandstone
220	230	Clay
230	260	Clay & stringers of Coal
260	300	Gray Sandstone (Dry)
300	330	Sandstone (Water)
330	356	Gray Clay

356 Show exact depth of bottom

53,267

94849

94849

FILED

at 9:20 o'clock A. M.

MAY 24 1973

John D. Rittel
County Clerk

Deputy.

GW

File No. S-29617

DUPLICATE

T. 11 N. R. 56E. M.P.M.

County Prairie

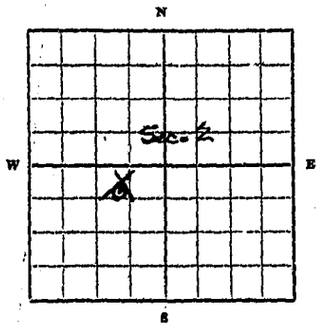
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 1 1962
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bureau of Land Management, of Miles City, Montana
(Name of Appropriator) (Address) (Town)
County of Prairie State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼SW¼ Sec. 2 T11N R. 56E

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 Live Stock-water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 1, 1962
7 months summer season

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

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

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 12/7/61 - 12/16/61

8. The depth of water table 21'

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 with 4" casing & total depth of 245'

10. The estimated amount of groundwater withdrawn each year 420,000 gallons per year

11. The log of formations encountered in the drilling of each well if available Loam, coal, clay shale, clay, shale, rock, shale, rock, shale, coal, sandstone with water, Sandstone

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 Bureau of Land Management by Larry M. White

Date Feb. 27, 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 School of Mines and Quadruplicate for the Appropriator.

1564

82967

FILED
at 11:22 o'clock A.M.
FEB 27 1962
County Clerk
Fee
Deputy

G\

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

File No. .....

I

T. 11 N R. 56 E

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

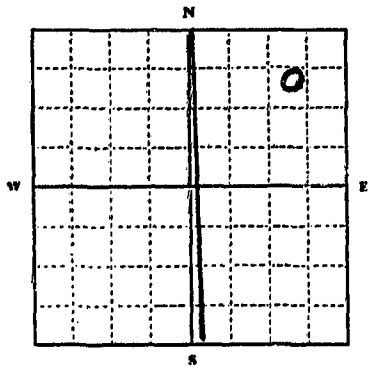
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Sam Irion (Name of Appropriator), of Fallon (Address) (Town)

County of Prairie State of Montana

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



NE ¼ Sec. 4 T. 11 R. 56E

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 Human Consumption and stock water well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct 19, 1962 used continuously daily.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute

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

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 Oct 16, 1962 Completion Oct 19-1962

8. The depth of water table 100 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 7" Western Tinnesing - Drilled, 1230 ft. deep.

10. The estimated amount of groundwater withdrawn each year 365,000 gallons per year

11. The log of formations encountered in the drilling of each well if available 0-16 Surface soil 16-122 Blue shale 122-175 sand stone 175-515 Blue shale 515-518 Hardrock 518-851 Blue shale 851-880 Water sand 880-910 blue shale 910-960 Water sand 960-1045 blue shale 1045-1202 Water sand 1202-1230 grey shale

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 Sam Irion

Date Dec. 29, 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.

24899

85558

FILED
at 2:30 o'clock P. M.
DEC 3 1 1963
County Clerk
Deputy
Fee 2.00

4

T 11N R 56E

County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 29 1961
STATE ENGINEER

WATER WELL LOG

		X	

Owner Mr. Sam Irion Address Fallon, Montana

Driller Johnson Water Well Service Address Terry, Mont

Date Started Nov. 30, 1961 Date Completed Dec. 3, 1961

Location: Sec. 4 T. 11 R. 56 ¼ sec. NW

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 92 ft. Type S&S Size 6"00

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 55 to ft. 82 Ft. to ft.

Type of screen or perforations Holes

Static Water level, for non-flowing well: 56 Ft. feet.

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

Pumping water level 78 feet at 3½ gal. per min.

How tested: Bailing

Length of test 2 Hrs.

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	8	Yellow Loam
8	16	Coal
16	26 b	Bule Shale
26	42	Bule Soopstone
42	43½	Rock
43½	55	Bule Soopstone
55	78	Gray Sandstone W/Water
78	92	Gray Shale

82772

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

File No.

DUPLICATE

T. 11N R. 56E

County Prairie 6

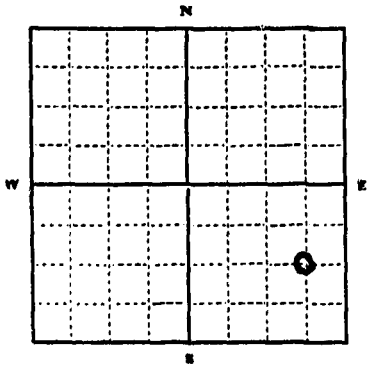
RECEIVED JAN 6 1964 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ole Seteren Estate, of (Name of Appropriator) (Address) Jamacy (Town)
County of Prairie State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ Sec. 6 T. 11 R. 56

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 & Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 20, 1942 Continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 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 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 Artesian or flowing Well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 10, 1942 to May 20, 1942

8. The depth of water table 900 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Artesian, Cased with 930 feet 2" pipe

10. The estimated amount of groundwater withdrawn each year 2,102400 gals

11. The log of formations encountered in the drilling of each well if available Log information available from George F. Ashin Miles City Mont.

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 Information recorded by Shell Oil Co. Geologist - Spearfish Formation - Tongue River Total depth Formation - Ludlow Producing Formation - Ludlow

Estate of Ole O Seteren

Signature of Owner By Palmer M. Hobbs Adm.

Date 12/28/63

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.

24930

85589

FILED
at 4:00 o'clock P. M.
DEC 3 1 1963
County Clerk
Deputy
Fee 2.00

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

File No.....

T 11N R 56E

County Prairie

DUPLICATE

RECEIVED
JAN 6 1964
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

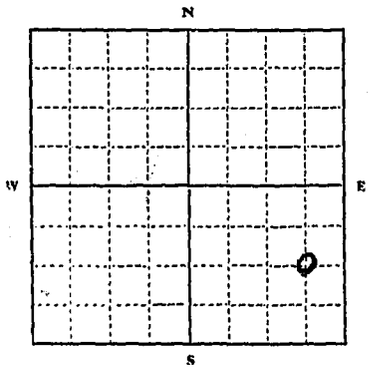
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ole Seteren Estate, of Jensen
(Name of Appropriator) (Address) (Town)

County of Prairie State of Mont.

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



SE¼ Sec. 6 T. 11 R. 56

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 July 15, 1955 continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 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 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 artesian or flowing well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 10, 1955 to July 15, 1955

8. The depth of water table 300 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 artesian well cased with 350 feet of 4" pipe as casing

10. The estimated amount of groundwater withdrawn each year 525600 gals

11. The log of formations encountered in the drilling of each well if available
Sand Formation - Tongue River
Total Depth Formation - Lower Tongue River
Producing Formation - Lower Tongue River

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

Estate of Ole Seteren
Signature of Owner By Palmer M. Hebbel Adm

Date 12/28/63

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.

24929

85588

FILED

at 4:00 o'clock P. M.

DEC 31 1963

County Clerk

Deputy

Fee 2.00

GW[redacted]

Approved Stock Form—State Publishing Co., Helena, Montana—41921 [redacted]3

File No.....

DUPLICATE

Flowing Well

T. 11 N R. 56 E

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

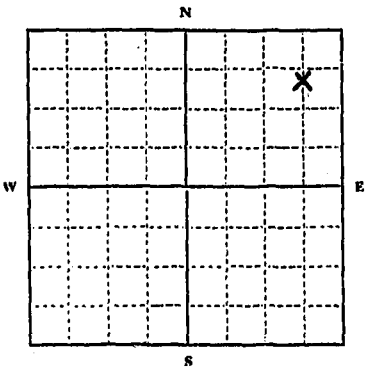
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Paul J. Renn (Name of Appropriator), of Fallon (Address) (Town)

County of Prairie State of Mont.

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



NE 1/4 Sec. 7 T. 11 R. 56

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

Gr. Cl. approt. 2450
819
+1631

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 May 15, 1943 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 16 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 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 Flowing Well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 7, 1943 To May 15, 1943

8. The depth of water table 800 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 artesian 819 ft of 2" pipe or Casing

10. The estimated amount of groundwater withdrawn each year 2,102,400 gals

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

Spud Formation – Tongue River
Total Depth Formation – Ludlow
Producing Formation – Ludlow
maybe incl. in Kh, according to int. depth above base Kh – Rem. 40

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 known record

Signature of Owner Paul J. Renn

Date Dec. 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.

12524

85435

FILED

at 1:35 o'clock P. M.

DEC 23 1963

County Clerk

Deputy

Fee

File No.

DUPLICATE

Location Section No?

RECEIVED
FEB 17 1964
STATE ENGINEER

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

T. 11N R. 56E

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

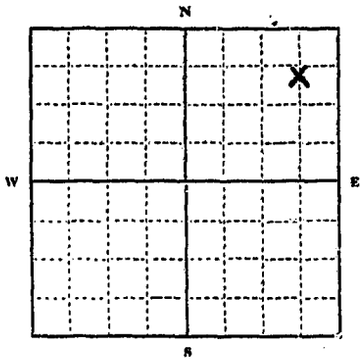
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Paul J. Renn (Name of Appropriator), of Fallon (Address) (Town)

County of Prairie State of Mont

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



NE ¼ Sec. 7 T. 11 R. 56

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910 Continuous use

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

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 Flowing Well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1910 Cannot give week or month

8. The depth of water table 150 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 Artesian 20' of 4" Surface Casing 160' of 2" pipe

10. The estimated amount of groundwater withdrawn each year 1,051200 gals

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not available

Signature of Owner Paul J. Renn

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.

12523

85434

FILED
at 1:35 o'clock P. M.
DEC 23 1963
County Clerk
Deputy
Fee 2.00

G

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

File No.

DUPLICATE

T 11 N R 56 E

County Prairie

Flowing Well

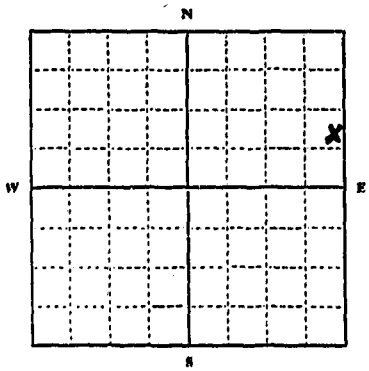
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Paul J. Renn (Name of Appropriator), of Fallon (Address) (Town)
County of Prairie State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE¼ Sec 17 T 11 R 56

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 april 15 1951 continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 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 Flowing well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater February 15 to February 20, 1951

8. The depth of water table 100 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 Artesian or Flowing Well
Depth — 120 ft
Cased with 130 ft of 2" pipe
36 ft of perforated casing at bottom of well

10. The estimated amount of groundwater withdrawn each year 8,044600 gals

11. The log of formations encountered in the drilling of each well if available none available

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

Signature of Owner Paul J. Renn

Date Dec. 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.

12522

85433

FILED
at 1:35 o'clock P. M.
DEC 23 1963
County Clerk
Fee 2.00 Pd.
Deputy

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

File No.....

T. 11N R. 56E

County Prairie

DUPLICATE

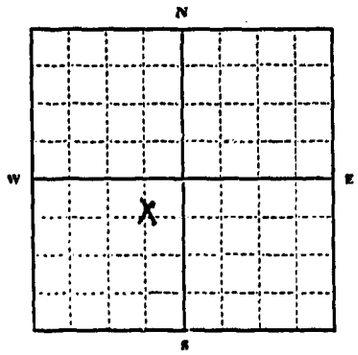
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 26 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Paul J. Renn (Name of Appropriator), of Fallon (Town) (Address)
County of Prairie State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW ¼ Sec. 17 T. 11 R. 56

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 December 1940

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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
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
2" Suction pump & Gasoline engine

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Nov. 15, 1940 to Dec 15, 1940

8. The depth of water table 18 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Dug Well with 4 ft hole, 20 ft deep; curbed, curbing, 3 ft above water in well
2" Suction pump & Gasoline motor for withdrawal of water

10. The estimated amount of groundwater withdrawn each year 120,000 gallons

11. The log of formations encountered in the drilling of each well if available
None available
this was a hand dug well

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 Paul J. Renn

Date Dec 23, 1963

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

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

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

12521

85432

FILED
at 1:35 o'clock P. M.
DEC 23 1963
County Clerk
Deputy
Fee 2.00

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

File No.

T. 11 N R. 56 E 20

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

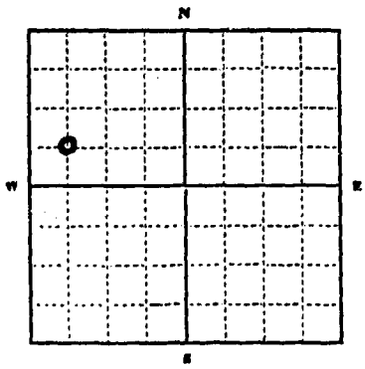
RECEIVED JAN 6 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ole Seteren Estate, of (Address) Terry (Town)
(Name of Appropriator)

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



NW ¼ Sec. 20 T. 11 R. 56

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 June 20, 1963

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 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 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 Artesian or flowing well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 15, 1963 to June 20, 1963

8. The depth of water table 1150

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Artesian Well Cased with 1,165 feet of 2" pipe for Casing

10. The estimated amount of groundwater withdrawn each year 6,307,200 gals

11. The log of formations encountered in the drilling of each well if available Log of formations exists at A.S.C. Office at Terry, Mont.

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 — A.S.C. Office at Terry, Mont.

Estate of Ole O Seteren

Signature of Owner By Palma M. Halstadson

Date 12/23/63

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.

24928

85587

FILED

at 4:00 o'clock P. M.

DEC 8 1963

County Clerk

Deputy

Fee 2.00

3 GW 1 Revised 1969
2—1500—10769

RECEIVED
AUG 25 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Prairie

21

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

Setaren Well #6544

NOTICE OF APPROPRIATION OF GROUNDWATER

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

After filing a notice of appropriation, in order to acquire a right based thereon, the person must, within ninety (90) days, commence actual excavation and diligently prosecute construction of a well and, upon its completion, file a notice of completion with the County Clerk of the county in which the appropriation is located.

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

PERMIT REQUESTED

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

1. I, Bureau of Land Management (Name of Appropriator), of Miles City, Montana (Address) (Town)

   County of Prairie, State of Montana, intend to appropriate goundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is livestock water - for approx. 200 head

   (describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 3-5 gallons per minute

   The estimated amount of groundwater to be used annually 135,000 gallons

4. The annual period (inclusive dates) of intended use May through November

5. The probable or intended date of first beneficial use May 1, 1973

6. The probable or intended date of commencement and completion of the well* or wells* November, 1972

7. The location, type, size and depth of well or wells contemplated T. 11 N., R. 56 E., Sec. 21, SW¼SE¼ - pumped well, 6" x 400' deep.

8. The probable or estimated depth of the water-table or artesian aquifer 100 feet

9. The name, address, and license number of the driller engaged

   Contract will be let on bid and has not been let at this time.

10. Give such other similar information as may be useful in carrying out the policy of this act

    An annual withdrawal of approx. 135,000 gallons should be made.

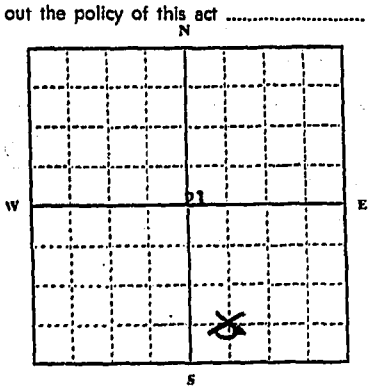
PERMIT GRANTED

ADMINISTRATOR Dianne Boswell
WATER RESOURCES DIVISION

For Administrator's Use

File 94024

August 24, 1972 9:00 A.M.



SW ¼ SE ¼ Sec. 21

T. 11N. N S R. 56 E ~~W~~

LOCATE WELL OR OTHER MEANS OF DEVELOPMENT AS ACCURATELY AS POSSIBLE ON THE PLAT.

PERMIT REQUESTED

BUREAU OF LAND MANAGEMENT
by:
Signature of Appropriator [signature] Date 08/21/72

*As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

51,150

94024

Water Well Log

Bureau of Land Management

to

The Public

FILED

at 9:00 o'clock A.M.

AUG 2 1972

John L. Stroh

County Clerk

Helen N. Bennett

Deputy

Fee 2.00

GW

File No. 82862

DUPLICATE

T. 11N R. 56E

County Prairie

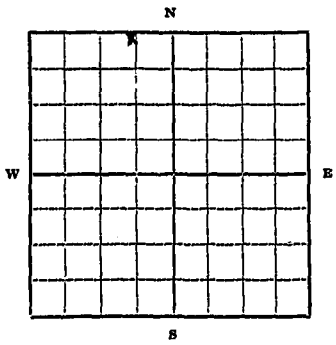
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 18 1962 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. R.J. Steffes and or Cora L. Steffes, of Lismay, Mont.
(Name of Appropriator) (Address) (Town)
County of Prairie State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W.¼ Sec. 22 T. 11 R. 56

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 water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 10, 1956 about 6 mo of every year there after

4. The amount of groundwater claimed (in miner's inches or gallons per minute) ½ Gallon Per minute By natural Flow 20 Gallons Per minute By Pump

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 By Flow and By Pump Jack when more water is Required.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started drilling June 10, 1956 was completed same day

8. The depth of water table 40 ft depth of water table as far as determined by driller

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 160 ft deep. natural or ft sand Flow 7" Galvanized Pipe down 120 ft 7 in Slotted Pipe from 120 ft to 160 ft.

10. The estimated amount of groundwater withdrawn each year 36,400 Gallons by Pump 730,400 by Flow

11. The log of formations encountered in the drilling of each well if available 0 ft to 120 ft Gumbo 120 ft to 160 ft sand.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record This well has not been Recorded as yet.

Signature of Owner R.J. Steffes
Cora L. Steffes

Date 1-5-62

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

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

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

1185

FILED
at 11:00 o'clock A.M.
JAN 16 1952
County Clerk
Fee 1.00 Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—40472

File No.....

T. 11 N R. 56 E

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963
STATE ENGINEER

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

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner R. J. Steffen Address Jamison

Driller George F. Askin Address Miles City Mont

Date of Notice of Appropriation of Groundwater.....

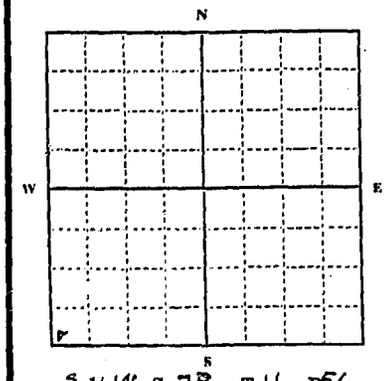
Date well started 11/2/63 Date Completed 11/5/63

Type of well Drilled (dug, driven, bored or drilled) Equipment Used Rotary (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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	4"	0	112			
	3"	112	164	2"	164	240
	2"	164	240			



S ½ W Sec 7B T. 11 R. 56
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

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

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

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

Discharge in gal. per min. of flowing well 2 g.p.m.

How Tested.....Length of Test.....

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) Cemented around 4" Casing

Show exact depth of bottom. 240 ft
0-25 ft gumbo
25-30 ft gravel
30-100 ft gumbo
100-108 sand some water
108-235 gumbo
235-240 sand

50
Driller's License Number

George F. Askin
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.

11859

85394

FILED

at 1:25 o'clock P. M.

DEC 20 1963

County Clerk

Deputy

Fee 2.00

GW

File No. 82862

DUPLICATE

Flow well

T. 11 N R. 56 E 26

County Prairie

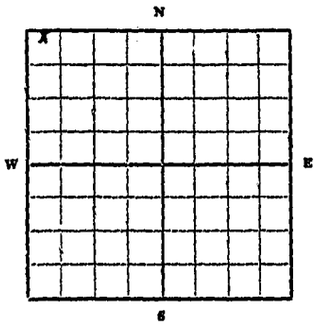
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 18 1962
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. R.J. Steffen or Cora L. Steffen (Name of Appropriator) of Jamay (Address), Mont. (Town)
County of Prairie State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW ¼ Sec. 26 T. 11 R. 56

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 Nor Ranch house and livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Jan. 26, 1945 every day thereafter

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 Gallons per minute by artesian flow

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 By artesian flow

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well drilling started 1-10-45 well finished 1-26-45

8. The depth of water table water table depth 273 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 artesian flow 893 ft. deep 2" Black Pipe down to 609 ft. Slotted 2 in Pipe from 609 ft. to 893 ft.

FILED

10. The estimated amount of groundwater withdrawn each year 236,520 gal

11. The log of formations encountered in the drilling of each well if available 0' to 120 ft Gumbo 120 ft to 163 ft Sand 163 ft to 609 ft Gumbo 609 ft. to 893 ft Sand

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record This well has not been on Record with any one but the driller George L. Askin of Miles City, Mont. up till this time.

Signature of Owner R.J. Steffen
Cora L. Steffen

Date 1-5-62

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

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

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

1183

FILED
at 11:25 o'clock A.M.
JAN 16 1962
E. L. Gaunt Lewis
County Clerk
Fee 2.00
Deputy

GW 2

MONTANA WATER RESOURCES BOARD
RECEIVED
DEC 15 1967

Approved Stock Form—State Publishing Co., Helena, Montana—46805

28

File No.....

T. 11 N R. 56 E

DUPLICATE

County Prairie

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level 2550)

0 - 30	Sandy clay, Yellow
30 - 40	Sandstone, Brown
40 - 60	Clay, Gray
60 -192	Shale, Gray
192-200	Rock
200-320	Shale, Blue
320-335	Sand, Gray
335-345	Clay, Blue

Show exact depth of bottom.

(Ole Well M3-R-2294)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner Bureau of Land Management Address Miles City, Montana

Driller Joe Johnson Address Terry, Montana

Date of Notice of appropriation of groundwater N.A.

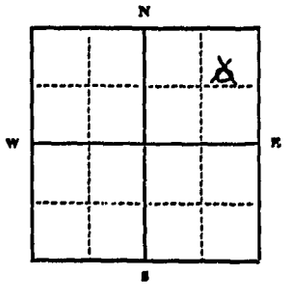
Date well started 10/5/67 Date completed 10/11/67

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

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

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"	6"-19.18# ft.	+1	345	¼" Slots	60	80
				"	200	240
				"	320	345



NE ¼ NE Sec 28 T11N R56E

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

Static Water Level for non-flowing well 42 feet.

Shut-in Pressure for Flowing Well N.A.

Pumping Water Level 260 feet at 20 gal. per minute.

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

How Tested Bailing

Length of Test 1 Hr.

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

(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).

N.A.

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.

154
Driller's License Number

Joe Jon Johnson
Driller's Signature.

42,658

89511

FILED
at 2:00 o'clock A M.
DEC 14 1967
County Clerk
Deputy
Fee 2.00

Helena Independent Record

29

File No.....

T. 11 N. R. 56 E.

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

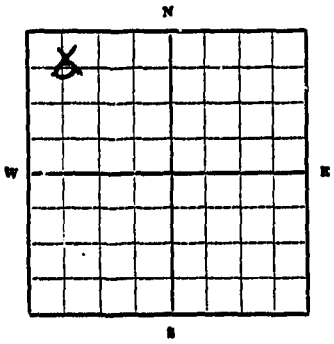
RECEIVED
FEB 18 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bureau of Land Management, of Box 960, Miles City
(Name of Appropriator) (Address) (Town)

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



NW¼ NW Sec. 29 T11N. R.56E

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

2. The beneficial use on which the claim is based
Livestock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1944 - continuous

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Windmill - NW¼NW of Sec. 29

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1944

8. The depth of water table 20'

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 Dug well, 30' deep, equipped with 30' Montgomery Ward tower.

10. The estimated amount of groundwater withdrawn each year 1,500,000

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
BLM file No. M3-R-366

District Manager
Montana State Office

Arthur E. Zimmerman

Date 1-22-63

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.

3672

84294

FILED
at 4:17 o'clock P M.
FEB 15 1963
County Clerk
Fee 2.00 Deputy

Helena Independent Record

File No.....

DUPLICATE

T. 11 N. R. 56 E.

County Prairie

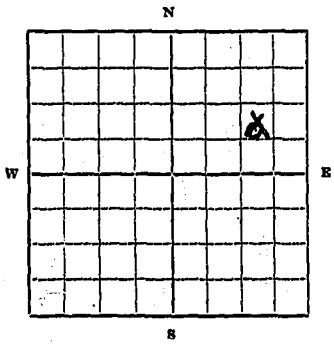
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 6 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bureau of Land Management, of Box 960, Miles City, Montana
(Name of Appropriator) (Address) (Town)
County of Prairie State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ NE Sec. 31 T11N R.56E

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

2. The beneficial use on which the claim is based Livestock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1941 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gal/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 windmill & pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1941

8. The depth of water table 140'

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 with 4" 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 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 BLM file No. M3-4-802

BUREAU OF LAND MANAGEMENT
District Manager
By Signature of Owner Arthur D. Zimmerman

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.

24950

85609

FILED
at 5:00 o'clock P M.
DEC 31 1963
County Clerk
Deputy
Fee 2.00 pd.

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—46805

32

MONTANA WATER RESOURCES BOARD
RECEIVED
DEC 15 1967

File No.....

T. 11 N R. 56 E

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION 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)

LOG

Top of Ground

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

0-10 Clay, Yellow
10-40 Sandy, Yellow
40-50 Clay, Yellow
50-60 Shale, Lt. Gray
60-70 Clay, Lt. Brown
70-80 Clay, Gray
80-90 Sandstone, Gray
90-101 Clay, Brown

Show exact depth of bottom.

(Alma Weil M3-R-2295)

Owner Bureau of Land Management Address Miles City, Montana

Driller Joe Johnson Address Terry, Montana

Date of Notice of appropriation of groundwater N.A.

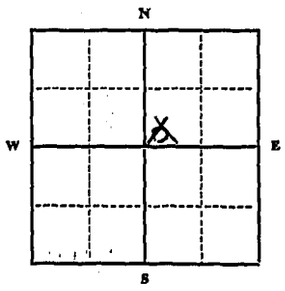
Date well started 10/14/67 Date completed 10/16/67

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

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

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"	6" I.D. 19.18#/Ft.	+2	101	¼"x6" Slots	40	60
				"	75	95



SW ¼ NE Sec. 32 T. 11N R. 56E

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

Static Water Level for non-flowing well 52 feet.

Shut-in Pressure for Flowing Well N.A.

Pumping Water Level 90 feet at 6/5 gal. per minute.

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

How Tested Bailing

Length of Test 1 Hr.

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

(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).

N.A.

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.

154
Driller's License Number

Joe Leon Johnson
Driller's Signature.

42,657

FILED

at 2:30 o'clock A. M.

DEC 14 1967

County Clerk

Deputy

Fee 2.00

GW

File No. 82862

T. 11 N R. 56 E

34

DUPLICATE

County Prairie

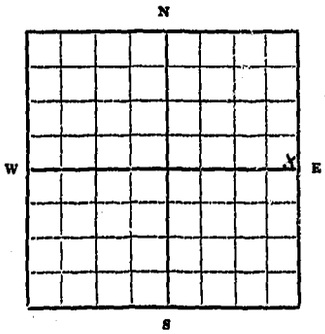
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 18 1962
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. R.J. Steffes and or Cora L. Steffes of Denny, Montana
(Name of Appropriator) (Address) (Town)
County of Prairie State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ Sec. 34 T. 11 R. 56

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 Stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been March 15, 1955 6 mo of every year thereafter

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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 no

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ~~By~~ wind mill and pump jack

7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater well was completed march 11, 1955 well was used march 15, 1955

8. The depth of water table not available

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 128 ft shallow well 4 inch casing

10. The estimated amount of groundwater withdrawn each year 172,800 Gallons Per year

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not recorded as yet

Signature of Owner R.J. Steffes
Cora L. Steffes

Date 1-5-62

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

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

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

1184

FILED
at [illegible] o'clock A.M.
JAN 16 1962
[illegible]
County Clerk
Fee [illegible]
Deputy

GV

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

36

File No.

T 11N R 56E

DUPLICATE

County Frairie

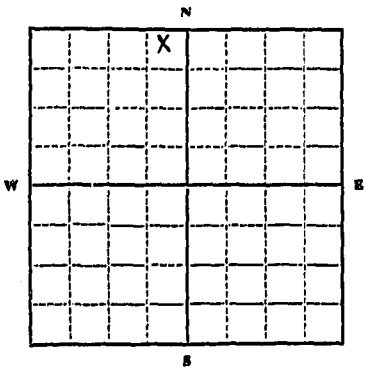
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arthur McNaney, of Ismay
(Name of Appropriator) (Address) (Town)
County of Fallon State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE¼-NW¼ Sec. 36 T. 11 R. 56

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 July 1, 1949; used continously since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) one gallon 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 Windmill at well site

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater digging of well commenced June 20, 1949, and was completed on July 1, 1949

8. The depth of water table water level 3 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 well 12 feet deep and cased with wooden casing 4 feet in diameter

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

11. The log of formations encountered in the drilling of each well if available 0-12 sand

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 December 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.

11857

85390

FILED
at 9:45 o'clock A M.
DEC 20 1963
County Clerk
Deputy
Fee 2.00

GW 2 Revised 1969
STATE PUBLISHING COMPANY

PERMIT GRANTED County Prairie

ADMINISTRATOR Martin Burke

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

WATER RESOURCES DIVISION

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.

Seteren Well

Owner Bureau of Land Management

Address Miles City, Montana

For Administrator's Use	
File	94954
	7-1-73
GW 1	9:15 A.M.

Date well started 5/12/73

completed 5/12/73

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

Equipment used Air Rotary (Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

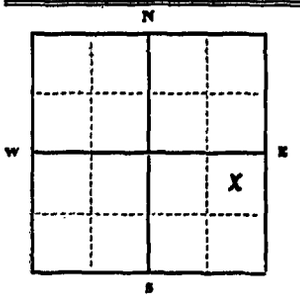
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8"	6" ID 18.97#	+1	336	slots 1/8 X 6"	290	320



Static water level flow ft.*
Pumping water level flow ft.*
at 3 gallons per minute, measured 24 minutes after pumping began.
*Measured from ground level.
Well developed by air
for 4 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

NE ¼ SE ¼ Sec. 21
T. 11N N/S R. 56E E/W

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

Driller's Signature Joe Jon Johnson

Driller's Address Joe Johnson Drlg., Terry, Montana

LICENSE NO. 154

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)

From (Feet)	To (Feet)	
0	20	Top soil
20	50	Gray clay
50	70	Gray sandstone
70	160	Gray clay
160	150	Gray clay with stringer of coal
150	170	Sandstone and clay
170	190	Gray clay
190	200	Gray sandrock
200	210	Gray sandrock
210	228	Gray clay
228	233	Rock
233	270	Gray clay
270	290	Clay and coal
290	320	Sandstone
320	336	clay

336 Show exact depth of bottom

55860

94954

Water Well Log

BLM
to
The Public

FILED
at 9:15 o'clock A M.
1 - 1973
John A. Dirks
County Clerk
Dale M. Gilbert
Deputy
Fee 9.00

Make a copy & put in Cont - GW. Area file — put GW-1 number on form! Check against Order!

PERMIT GRANTED

County Prairie

MONTANA WATER RESOURCES BOARD

RECEIVED JUN 27 1972 MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

GROUNDWATER WELL

61, as amended)

copies to be filed
er in the county in
ed by driller.
state, otherwise the

Administrator's Use
3868
26, 1972 8:15 am.

Date well started [redacted]

completed 1/8/72

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

Equipment used Air Rotary (Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

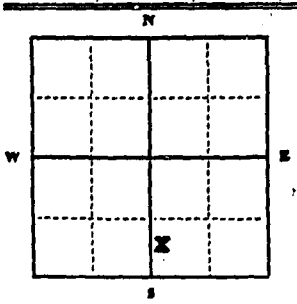
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8"	6" ID 18.97	0	12	NONE		
6¼"	5" Plastic	0	265	slots 1/8" X 6"	130	155
					230	250



Static water level 130 ft.*
Pumping water level 245 ft.*
at 12 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by Air
for 2 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
Good Well

SW ¼ SE ¼ Sec 34
T 11 N/S R 56 E/W

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

Driller's Signature Jose Z Johnson

Driller's Address Johnson Drlg., Terry, Montana

LICENSE NO. 154

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)

From (Feet)	To (Feet)	
0	23	Yellow Sandy Soil
23	37	Gray Clay
37	50	Gray & Brown Clay
50	73	Dk. Brown Clay with stringers of Coal
73	130	Shale & Sandstone
130	155	Lt. Gray Sandstone Produces 3 gpm
155	230	Gray & Sandy Shale
230	250	Sandstone (waterbearing)
250	265	Clay

265 Show exact depth of bottom

50,749

ERMIT GRANTED

OR ..... County .....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA WATER RESOURCES BOARD

RECEIVED
JUN 27 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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 ....Ted Irion....

Address ....Fallon, Mont.....

Date well started ....12/30/71....

completed ....1/8/72....

Type of well ....Drilled.... (Dug, driven, bored or drilled)

Equipment used ....Air Rotary.... (Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

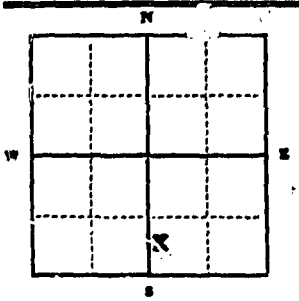
*Describe .....

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). .....

For Administrator's Use
File 93868
June 26, 1222 8:15 a.m.
GW 1

ESTIMATED ANNUAL WITHDRAWAL .....

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8"	6" ID 18.97	0	12	NONE		
6¼"	5" Plastic	0	265	slots 1/8" X 6"	130	155
					230	250



Static water level ....130.... ft.*

Pumping water level ....245.... ft.*

at ....12.... gallons per minute,

measured ....120.... minutes after pumping began.

*Measured from ground level.

Well developed by ....Air....

for ....2.... hours.

Power..... Pump..... HP

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

Good Well

SW ¼ SE ¼ Sec. 34

T. 11 N/S R. 56 E/W

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

Driller's Signature Jose Johnson

Driller's Address Johnson Drlg., Terry, Montana

..... LICENSE NO. 154

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.

Prairie

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

From (Feet)	To (Feet)	
0	23	Yellow Sandy Soil
23	37	Gray Clay
37	58	Gray & Brown Clay
58	73	Dk. Brown Clay with stringers of Coal
73	130	Shale & Sandstone
130	155	Lt. Gray Sandstone Produces 2 gpm
155	220	Clay & Sandy Shale
220	250	Sandstone (waterbearing)
250	265	Clay

265 Show exact depth of bottom

50,249

93868

Water Well Log
Ted Irion
to
The Public

FILED
at 8:15 o'clock A.M.
JUN 26 1972
John B. Stroh
Nicole M. Gardner
County Clerk
Deputy
Fee 2.00 pd

GROUNDWATER INDEX

Page ____ of ____

County PRAIRIE Twp. 10N 5 Rge. 5OE

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
2	BAN, IVAN J.	GW-4	85288	
2	BAN, IVAN J.	GW-4	85287	
3	BAN, IVAN	WATER WELL LOG	79525	
4	BAN, IVAN J.	GW-4	85290	
~~23~~	~~LEE, DON~~	~~WATER WELL LOG~~		WRONG TOWNSHIP
31	KALFELL, BRUCE	GW-2	92975	

GW

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

File No.

T. 10 N R. 50 E

County Prairie

DUPLICATE

STATE OF MONTANA.
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

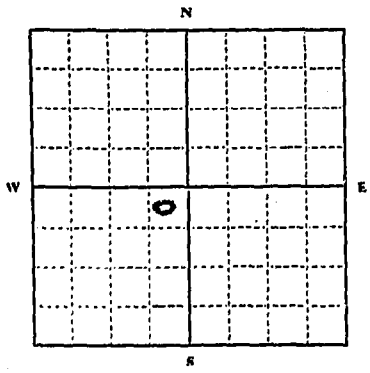
RECEIVED
DEC 13 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Isaac J. Bar, of Terry
(Name of Appropriator) (Address) (Town)

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



S. W1/4 Sec. 2 T. 10 R. 50

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

2. The beneficial use on which the claim is based Water for Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1908

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 gals. per minute

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

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

7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater Commenced about 1927 and Completed in 1927

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 This is a drilled well, 300' deep; set in casing on top for 30 feet and remainder is 4" casing to the bottom

10. The estimated amount of groundwater withdrawn each year 500,000 gals used for 1 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

Signature of Owner Isaac J. Bar

Date 12-13-63

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

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

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

8956

85288

FILED
at 3:45 o'clock P.M.
DEC 11 1963
County Clerk
Deputy
Fee 5.00

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

File No.....

T. 10N R. 50E

County Prairie

DUPLICATE

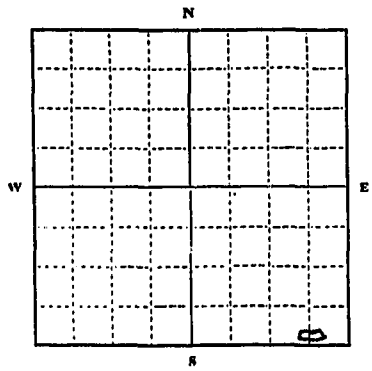
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 13 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ivan J. Ban (Name of Appropriator), of Terry (Address) (Town)
County of Prairie State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW¼ Sec. 2 T. 10 R. 50

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

2. The beneficial use on which the claim is based water for stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since the land was homesteaded, about 1900 A.D.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not applicable

8. The depth of water table about 20 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Not applicable

10. The estimated amount of groundwater withdrawn each year 2,000,000

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

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

Signature of Owner Ivan J. Ban

Date 12-10-63

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.

84555

85287

FILED
at 3:15 o'clock P.M.
DEC 1 1 1963
County Clerk
Deputy
Fee 5.00

T. 10 R. 50 3

RECEIVED
JUL 7 1959
STATE ENGINEER

79525

County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Ivan Ban Address Terry, Montana

Driller Ira C. Bond Address Terry, Montana

Date Started June 22, 1959 Date Completed July 3.1959

NE¼ of NW¼

Location: Sec. 3 T. 10 R. 50 ¼ sec.

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: surface ft. to 58 ft. Type steel Size 6"

Casing: surface ft. to 218 ft. Type steel Size 4"

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 130 to ft. 140 and Ft. 159 to ft. 172

Type of screen or perforations burned holes

Static Water level, for non-flowing well: Raised to 80 ft. from surface feet.

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

Pumping water level 108 ft. feet at 8 gal gal. per min.

How tested: bailed

Length of test 4 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
6" casing used to case off sand and gravel

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	2	top soil
2	10	sandy clay
10	14	clay with gravel
14	15	rock
15	34	sand
34	35	rock
35	46	sand
46	49	gumbo
49	54	coal
54	94	gumbo
94	96	rock
96	120	gumbo
120	145	water sand
145	147	gumbo
147	148	rock
148	158	water sand
158	159	rock
159	172	water sand
172	181	gumbo
181	183	rock
183	215	shale
215	216	rock
216	220	water sand
220	223	shale
223	226	coal
226	334	shale
334	339	rock hard
339	412	shale
412	413	rock
413	423	shale
423	424	rock
424	516	shale
516	518	rock
518	655	shale
655	670	water sand
670	701	shale
701	704	rock
704	745	water sand
745	746	rock
746	785	sand
785	795	shale
795	796	rock
796	798	shale
798	799	rock
799	818	shale
818	820	rock
820	860	shale
860	861	rock
861	939	shale (quit)

Approved Stock Form—State Publishing Co., Helena, Montana—41921 4

File No.

T. 10 N R. 50 E

County Prairie

DUPLICATE

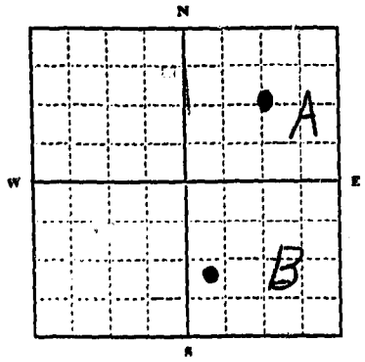
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 13 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ivan J. Ban (Name of Appropriator), of Terry (Address) (Town)
County of Prairie State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



E½ Sec. 4 T. 10 R. 50

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

2. The beneficial use on which the claim is based water for stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1890

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 gals per minute for each spring

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 Not applicable

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not applicable

8. The depth of water table About 20 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater A is about 4' deep
B is 16' deep

10. The estimated amount of groundwater withdrawn each year 1,036,800 each

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 Ivan J. Ban

Date 12-10-63

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.

8958

85290

FILED
at 3:15 o'clock P M.
DEC 1 1 1963
E. Ellen Johnston
County Clerk
Florence E. Gudenrath
Deputy
Fee $2.00

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

County PRAIRIE 31

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA WATER RESOURCES BOARD
RECEIVED
JUN 2 1971

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 Bruce Kaifell

Address Terry, Montana

Date well started 12/28/70

completed 12/31/70

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

Equipment used Rotary (Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

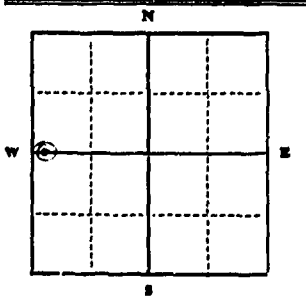
*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

For Administrator's Use	
File	92975
	June 1, 1971
	11:30 AM
GW 1	

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" ID 18.97#	0	24	N O	N E	
					480	500
4 3/4"		24	300		520	560
4½"	2" ID 3.7#	+1	637	Holes 3/8"	570	610



Static water level Flowing ft.*
Pumping water level ft.*
at 30+ gallons per minute,
measured 72 hours after pumping began. After
*Measured from ground level.
Well developed by Open Flow
for 5 days hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
Well is Cemented at 300'

¼ ¼ Sec. 31
T. 10 N R. 56 E
S W

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

Driller's Signature Joe Ivor Johnson

Driller's Address Joe Johnson Drlg., Terry, Montana

LICENSE NO. 154

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)

From (Feet)	To (Feet)	
0	160	Clay
160	190	Sand
190	210	Clay
210	220	Coal
220	225	Rock
225	240	Clay
240	265	Clay
265	275	Sand
275	305	Clay
305	315	Coal
315	395	Clay
395	435	Sand
435	438	Rock
438	457	Sand
457	468	Rock
468	484	Clay
484	492	Sand
492	500	Clay
500	520	Sand
520	535	Sand
535	550	Sand
550	555	Rock
555	610	Sand
610	625	Clay
625	637	Clay

637' Show exact depth of bottom

48553

92975

Water Well Log

Bruce Kalfell

To

The Public

FILED

at 4:30 o'clock P.M.

JUN 1 - 1971

John O. Gilstrap

County Clerk

Nola M. Sieber

Deputy

2 pg