

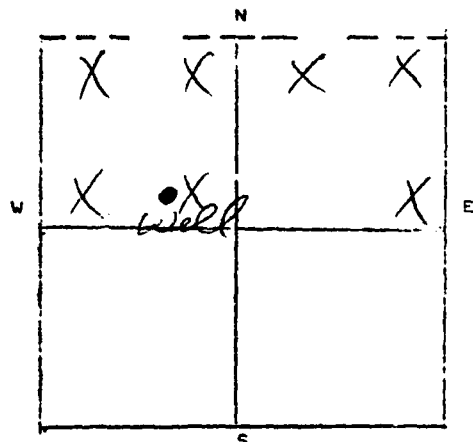
GW 4
FILE NO. 17642

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

12 R 16
COUNTY
RECEIVED
JAN 3 1963

DECLARATION OF VESTED GROUNDWATER RIGHTS
(UNDER CHAPTER 237, MONTANA SESSION LAWS, 1951)

1. John L. Haysinger of Box 65 Fort Union, Mont.
(NAME OF APPLICANT OR) (ADDRESS) (TOWN)
COUNTY OF WHEATLAND, STATE OF MONTANA, HAS APPROPRIATED GROUNDWATER ACCORDING TO THE MONTANA LAWS IN EFFECT PRIOR TO JANUARY 1, 1962, AS FOLLOWS:



SEC 32 T 12 R 16
INDICATE APPROPRIATION

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. 1957 & thereon

4. THE AMOUNT OF GROUNDWATER CLAIMED (IN MINER INCHES OR GALLONS PER MINUTE 100 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 THERE OF

6. THE MEANS OF WITHDRAWING SUCH WATER FROM THE GROUND AND THE LOCATION OF EACH WELL OR OTHER MEANS OF WITHDRAWAL Well hand pump

7. THE DATE OF COMMENCEMENT AND THE COMPLETION OF THE CONSTRUCTION OF THE WELL, WELLS, OR OTHER WORKS FOR WITHDRAWAL OF GROUNDWATER 1957

8. DEPTH OF WATER TABLE 30 feet

9. SO FAR AS IT MAY BE AVAILABLE, THE TYPE, SIZE AND DEPTH OF EACH WELL OR THE GENERAL SPECIFICATIONS OF ANY OTHER WORKS FOR THE WITHDRAWAL OF GROUNDWATER drilled iron casing

10. THE ESTIMATED AMOUNT OF GROUNDWATER WITHDRAWN EACH YEAR 1,000,000 gallons

11. THE LOG OF FORMATIONS ENCOUNTERED IN THE DRILLING OF EACH WELL IF AVAILABLE NA

12. SUCH OTHER INFORMATION OF A SIMILAR NATURE AS MAY BE USEFUL IN CARRYING OUT THE POLICY OF THIS ACT, INCLUDING REFERENCE PAGE OF COUNTY RECORDS AND BOOK NUMBER NA

SIGNATURE OF OWNER John L. Haysinger
DATE Dec 30 - 1962

STATE OF MONTANA } ss.
COUNTY OF WHEATLAND }

John L. Haysinger HAVING FIRST BEEN DULY SWORN, DEPOSES AND SAYS THAT HE (IS, ARE,) OF LAWFUL AGE AND (IS, ARE) THE APPROPRIATOR AND CLAIMANT OF THE ORDER AND WATER RIGHT MENTIONED IN THE FOREGOING DECLARATION OF VESTED GROUNDWATER RIGHTS AND THE PERSON WHOSE NAMES SUBSCRIBED THERE TO, AS THE APPROPRIATOR AND CLAIMANT, THAT HE KNOW THE CONTENTS OF SAID FOREGOING NOTICE AND THAT THE MATTERS AND THINGS THEREIN STATED ARE TRUE.

SUBSCRIBED AND SWORN TO BEFORE ME; THIS 30 DAY OF December, 1962

William E. Paul
NOTARY PUBLIC FOR THE STATE OF MONTANA
RESIDING AT Fort Union, Mont.
MY COMMISSION EXPIRES July 22, 1966

FILED FOR RECORD ON THE _____ DAY OF _____ 19____ AT _____
O'CLOCK _____ M., AND RECORDED IN BOOK _____, PAGES _____
RECORDS OF WHEATLAND COUNTY, MONTANA.

CLERK AND RECORDER

19102

17642

State of Montana,
County of Fergus. } ss.

DEC 31 1963

COPY

Filed

at 1:30

o'clock P.M.

#2200

MAY KATHRON

County Clerk and Recorder

File No. **9632**

DUPLICATE

T. **12 N 16 E**County **Fergus**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater **June, 1955**Owner **BURTON T. RAW** Address **CARNEIL, MONTANA**Contractor (if any) **FRANCIS E. RAW** **BURTON T. RAW**Address of Contractor **CARNEIL, MONTANA**Date Started **June, 1955** Date Completed **June, 1955**

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. **This is a spring developed by the owner that has a 34" casing going 8' into the ground; it has attached thereto 200' of hose and runs a continuous 1" stream of water**

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

estimate approximate lengths of periods of use

Approximately 25 gallons per minute; used continuously for watering stock; water eventually seeps back into the ground; estimated amount through knowledge obtained by having other wells and knowing the flow therefrom

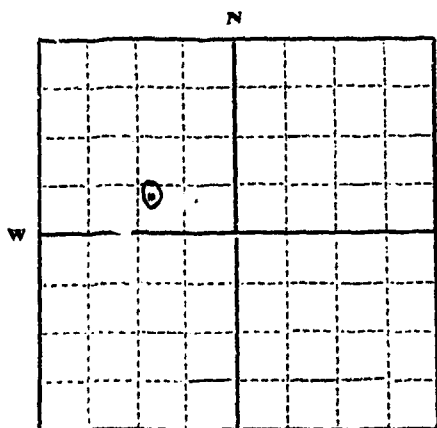
Signature of Owner *Burton T. Raw*Date **May 2, 1962**

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

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

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

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



SE 1/4 NW 34 T. 12 R. 16

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

9632

COPY

State of Missouri,
County of Fergus.

Filed MAY 2 1962
at 5:00 o'clock P.M.
Mary R. Rother
County Clerk and Recorder

324 pr

9632

GROUNDWATER INDEX

Page 1 of 1

County Fergus Twp. 12 N Rge. 17 E

[illegible]

File No.

17423

T. 12 R. 17

DUPLICATE

County FERGUS

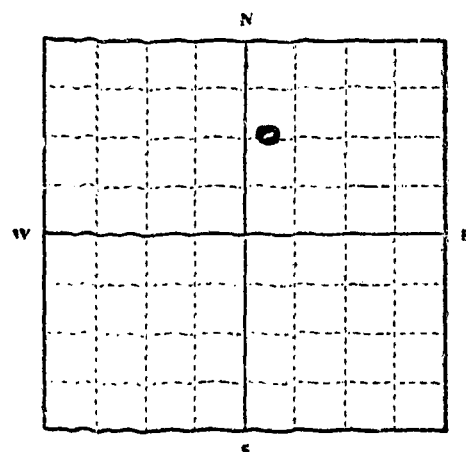
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

I, J. C. HANNAH, of MOORE
(Name of Appropriator) (Address) (Town)
County of FERGUS State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 5 T. 12 R. 17

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.....
1900 and continuous since
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
20 gallons a minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
Not Applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
FLOWING 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.....
Not Applicable
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.....
10,512,000 Gallons
11. The log of formations encountered in the drilling of each well if available.....
Not Applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....
Not Applicable

Signature of Owner

J. C. Hannah
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.

17344

State of Montana, }
County of Fergus. }

17426

COPY

Filed DEC 30 1963 19

at 4:20 o'clock P.M.

\$2.00

Ad.

MAY RATHER
County Clerk and Recorder

File No. 17427

T. 12 R. 17

DUPLICATE

County PERCIVAL

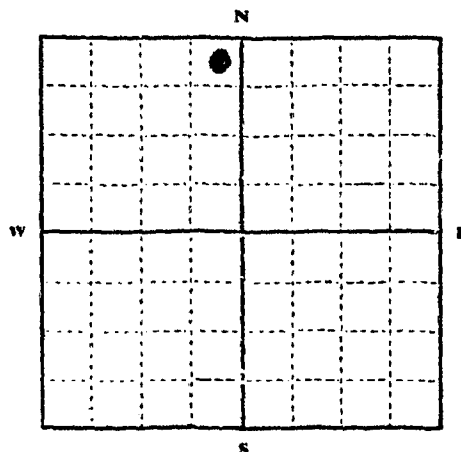
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. J. C. HANNAH, of MOORE
(Name of Appropriator) (Address) (Town)
County of PERCIVAL State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 5 T. 12. R. 17

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
1900 and continuous since
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
20 gallons a minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Flowing 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.
Not applicable

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. 10,512,000 gallons

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

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

Signature of Owner J. C. Hannah
Date 12/22/63

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.

17345

17427

State of Montana, } ss.
County of Fergus.

COPY

Filed DEC 30 1903

19

at 4:20

o'clock PM

MAY RATHBUN

\$2.00

Pd.

County Clerk and Recorder

File No. **17489**

DUPLICATE

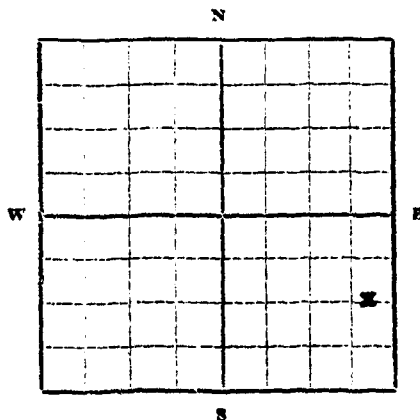
T. **12N** R. **17E**County **Fergus**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
JAN 3 1964
STATE ENGINEER

1. **Manford Hammah** of **St. Paul**
(Name of Appropriator) (Address) (Town)
County of **Fergus** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$ Sec. **6** T12N R17E

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 **1925. Used continuously since that time**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **estimated 8 gallons per minute. Claim and use all water flowing from 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 **taken from improved spring and collected in storage reservoir. Reservoir close to spring**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **Spring improvements completed about 1945 and reservoir renovated and completed about 1945.**
8. The depth of water table **Ground level (flowing spring)**
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 **estimated 75,000 gallons**
11. The log of formations encountered in the drilling of each well if available **none**
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county records **none**

Signature of Owner

Date **December 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 School of Mines and Quadruplicate for the Appropriator.

18961

17489

COPY

State .. Montana,
County of Fergus. } ss.

Filed..... DEC 31 1963

at 8:30 o'clock A. M.

#210 P1

MAY RATHBUN
County Clerk and Recorder

File No. **17490**

DUPLICATE

T **12N** R **17E**

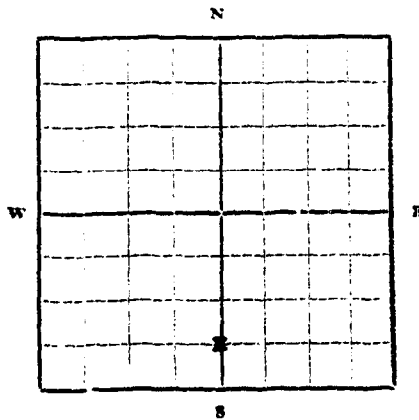
County **Fergus**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECORDED
JAN 3 1964
STATE

1. **Marford Hannah** of **Straw**
(Name of Appropriator) (Address) (Town)
County of **Fergus** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$ Sec. **6** T. **12N** R. **17E**

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 **1900. Used continuously since that time.**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **estimated 15 gallons per minute. Claim and use all water flowing from 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 **water taken from improved spring and collected in storage reservoir. Reservoir close to spring**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **Spring use started about 1900 and has been improved at various times since, and reservoir completed about 1925.**
8. The depth of water table **ground level (flowing spring)**
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 **estimated 80,000 gallons**
11. The log of formations encountered in the drilling of each well if available **none**
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record **none**

Signature of Owner

Marford Hannah
Date **December 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 School of Mines and Quadruplicate for the Appropriator.

18962

17490

COPY

State of Montana, } ss.
County of Fergus.

Filed DEC 31 1963
at 8:30 o'clock A.M.

\$2.00 MAY RATHBUN
County Clerk and Recorder

C Helena Independent Record
File No. **17491**
DUPLICATE

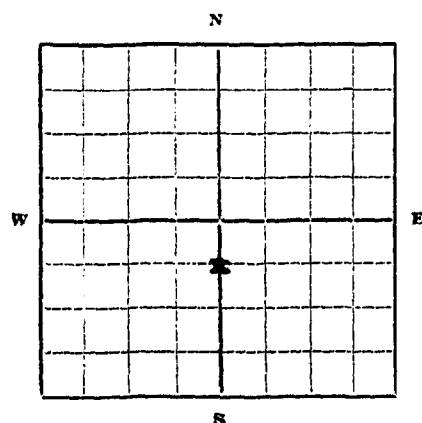
T 12N R 17E
County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964
STATE ENGINEER

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

1. Manford Hannah, of Straw,
(Name of Appropriator) (Address) (Town)
County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 6 T. 12N R. 17E

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 about 1900. Used continuously since that time.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) estimated 10 gallons per minute. Claim and use all water flowing from 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 water taken from improved spring and collected in storage reservoir. Reservoir close to spring.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Use of spring began about 1900 and has been improved at various times
8. The depth of water table Ground 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 not applicable
10. The estimated amount of groundwater withdrawn each year estimated 75,000 gallons
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

Manford Hannah
Date December 20, 1963

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

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

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

18963

17491

State of Montana,
County of Fergus, } ss.

COPY

Filed DEC 31 1983 19
at 8:30 o'clock A. M.

#20-12 MAY RATHBUN
County Clerk and Recorder

File No. **13838**

DUPLICATE

County **Fergus**

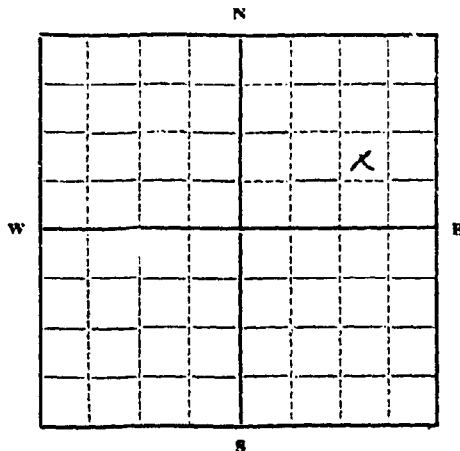
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bessie D. Johnston, of Moore
(Name of Appropriator) (Address) (Town)
County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 12 T. 12N R. 17E

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

2. The beneficial use on which the claim is based livestock watering
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1916 - every summer since then
4. The amount of groundwater claimed (in miner's inches, or gallons per minute) 50 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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 4" perforated orange-bury pipe
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater rebuilt 1956
8. The depth of water table 4 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 4" pipe
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well if available Rock
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

Bessie D. Johnston
Date March 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.

4690

13838

COPY

State of Montana, } ss.
County of Fergus.

Filed MAR 29 1963 1963
at 12:20 o'clock A.M.

Way B. Johnson
County Clerk and Recorder

200-41

GROUNDWATER INDEX

Page 1 of 1

County Fergus Twp. 12 N Rge. 18 E

[illegible]

File No. 13835T. 12N R. 18E

DUPLICATE

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

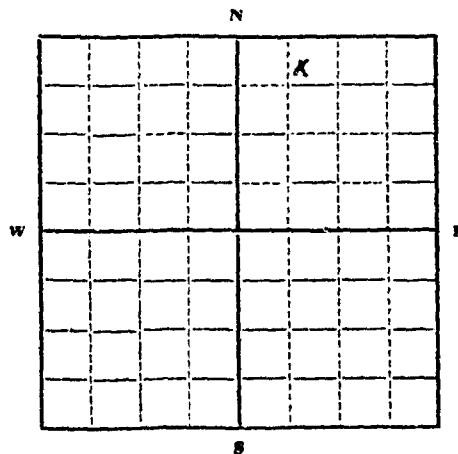
RECEIVED
1

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Bessie N. Johnston, of none
(Name of Appropriator) (Address) (Town)
County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW
NE Sec. 7 T. 12N R. 18E

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 livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1962

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 2 - 1962 June 4 1962

8. The depth of water table 9 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 1 1/2" pipe on surface with collector

10. The estimated amount of groundwater withdrawn each year free flow, 256,000 gal

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

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

Bessie N. Johnston
Date March 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.

13835

COPY

State of Montana, } ss.
County of Fergus.

Filed MAR 29 1963 19
at 10:00 o'clock A. M.

Wm. Arthur
County Clerk and Recorder

200-4

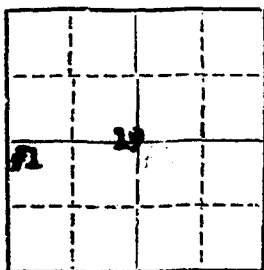
RECEIVED

JUN 1 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



T. 12 N R. 18 E

County Fergus

Owner Forest Service, U.S.D.A. Address Lewistown, Montana

Driller K. Misamore Address Hunt, Montana

(Area unsurveyed - approx. location only)

Date Started 5/26/58 Date Completed 6/10/58

Location: Sec. 19 T. 12 N R. 18 E 1/4 sec. SW 1/4

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

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐

Drainage ☐

Other:

Casing: 22 ft. ft. 1/2 inch ft. Type Galvan. Size 1/2 inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 0 to ft. 9 Ft. to ft.

Type of screen or perforations 1 foot apart, 3 perforations to the foot w/drive shoe

Static Water level, for non-flowing well: 10 feet.

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

Pumping water level: feet at gal. per min.

How tested: Tested static 10 feet, bailed 3 hrs

Length of test:

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

Cemented/curbs installed, hand pumps installed on each.

(over)

Log of Well

[illegible]

State of Montana,
County of Ferns, } ss.
JUL 10 1858
Filed
11/18 o'clock A.M.
J. H. H. H.
County Clerk and Recorder

92394

RECEIVED
JUN 1 1958

T 12 No R 18 E

County Fergus

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

#2			

Owner U.S. Govt. Forest Service Address Lewistown, Montana

Driller K. Hicmore Address Heath, Montana

Date Started 6/11/58 Date Completed 6/24/58

Location: Sec. 19 T. 12 N R. 18 E 1/4 sec. SW 1/4

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

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 16 ft. to ft. Type Size 1 1/2"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Perforated w/torch 3 in slots, 3 to the foot, for 10 feet with shoe

Type of screen or perforations:

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

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

Pumping water level: feet at gal. per min.

How tested: water stands 25 feet of top w/no bail down, after 3 hours bailing.

Length of test:

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

Concrete surtbing installed w/pump.

(over)

Log of Well

[illegible]

92395

100

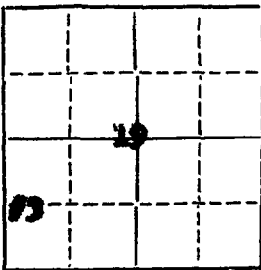
RECEIVED
JUN 1 1958

T. 12 N R. 18 E

County Fergus

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner U. S. Forest Service, U.S.D.A. Address Leavittown, Montana

(Location approx. only - land unsurveyed)

Driller E. Plummer Address Leavittown, Montana

Date Started 6/25/58 Date Completed 6/27/58

Location: Sec. 19 T. 12 N R. 18 E 1/4 sec. SE

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

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: 59 ft. to _____ ft. Type Galv. Size 4 1/2 inch

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

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

Perforated with 1/2 in slots, 3 to each foot.

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

Type of screen or perforations _____

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

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

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

How tested: All wells bailed 3 hours with no noticeable lowering of water level.

Length of test _____

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

Cemented curb installed and pump.

(over)

Log of Well

State of Montana.
County of Park.
ss.
JUL 12 1904
Filed
11:15 a.m.
at
9
Docket
County Clerk and Recorder
5009

92396

RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 12 N. R. 18 E.

County: Fergus

WATER WELL LOG

	19	
#4		

Owner: U. S. Forest Service, U.S.D.A. Address: Lewistown, Montana

(Area around Crystal Lake - unsurveyed - location approximate)
Driller: K. Hissmore Address: Beath, Montana

Date Started: 6/28 Date Completed: 7/2/58

Location: Sec. 19 T. 12 N. R. 18 E. 1/4 sec. SW 1/4

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

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

Casing: 61 ft. to 10" ft. Type: Galv. Size: 1 1/2 inch

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

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

Perforated or Screened: Ft. Perforated 3 slots to the foot, 3 in log with shoe to ft. Ft. to ft.

Type of screen or perforations: _____

Static Water level, for non-flowing well: 15 feet.

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

Pumping water level: _____ feet at _____ gal. per min.

How tested: Bailed for 3 hours, 15 feet of water in hole with no bail down

Length of test: _____

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

Concrete curbing, with pump installed.

(over)

Log of Well

[illegible]

State of Minnesota,
County of Jefferson } ss.
Filed JUL 10 1958
at 11:15 o'clock A. M.
Lewis & Menz
County Clerk and Recorder
50d ps.

92397

GROUNDWATER INDEX

Page 1 of 1

County Fergus Twp. 12 N Rge. 19 E

[illegible]

File No. **16988**T. **12** R. **19**

DUPLICATE

County **Fergus**

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 23 1963
STATE ENGINEER

1. **CLARENCE L. STEELE**, of **Leadtown**,
(Name of Appropriator) (Address) (Town)
County of **Fergus** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

NW 1/4 NW Sec. 1 T. 12 R. 19

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 con-
tinuous the use has been **1920 — continuously**

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

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 water

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater **1920**

8. The depth of water table **not applicable**

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 **flowing water**

10. The estimated amount of groundwater withdrawn each year **all**

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

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

Signature of Owner

*Clarence L. Steele*Date **December 11, 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.

11400

16988

COPY

State of Montana,
County of Fergus.

Filed DEC 20 1963
at 3:15 o'clock P.M.

Wm. R. Ralston
County Clerk and Recorder

\$ 2.00

File No. 16989

DUPLICATE

T 12 R 19

County Fergus

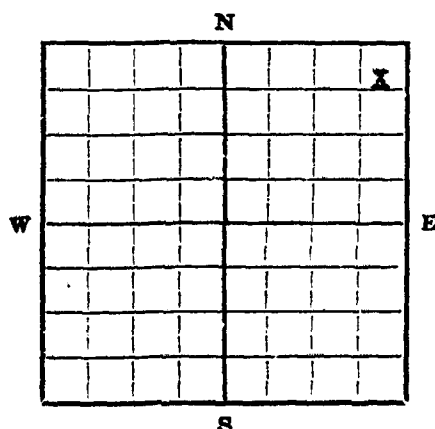
**STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER**

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 23 1960
STATE ENGINEER

1. CLARENCE L. STEELE, of Lawistown
(Name of Appropriator) (Address) (Town)
County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NE 1/4 NE Sec. 2 T. 12 R. 19

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

- | | | | | | | | | | | | | | | | | | | | |
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W
E

NE 1/4 NE 1/4 NE Sec. 2 T. 12 R. 19

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 **1920 - continuously**
 4. The amount of groundwater claimed (in miner's inches or gallons per minute) **all**
 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 water**
 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **1920**
 8. The depth of water table **not applicable**
 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 **flowing water**
 10. The estimated amount of groundwater withdrawn each year **all**
 11. The log of formations encountered in the drilling of each well if available **not applicable**
 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record **none**

Signature of Owner

Owner Clarence L Steele

Date December 11, 1963

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

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

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

1140

16989

COPY

State of Montana,
County of Falls.

Filed DEC 20 1963 19
at 3:15 o'clock P.M.
Way Patton
County Clerk and Recorder

#272

GROUNDWATER INDEX

Page 4 of 4

County Fergus Twp. 12 N Rge. 20 E

[illegible]

File No. **24044**

T12 N R20 E

DUPLICATE

County **Fergus**

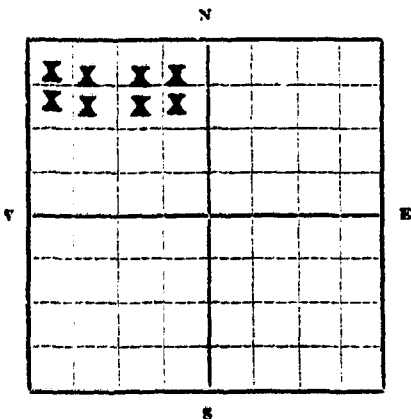
STATE WATER CONSERVATION BOARD

R **R** **E** **C** **E** **I** **V** **E** **D**
SEP 23 1965

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. **Ralph Bacon** of **Heath**, **Montana**
(Name of Appropriator) (Address) (Town)
County of **Fergus** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/4 Sec **7** T12 R20

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 **is for**
stock water and to develop pasture,
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
To be used upon filing notice.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **100 miner's inches**
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 **To be used on Lot 2, SE 1/4 Sect. 7, Twp 12 N, Rge 20 E., N.P.M.**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Natural flow upon development.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **Will start development on filing notice.**
8. The depth of water table **to 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
Natural opening to be expanded by 3 feet in depth, 100 feet in length.
10. The estimated amount of groundwater withdrawn each year **Use for 2 months of each year.**
11. The log of formations encountered in the drilling of each well if available
None
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Ralph Bacon

Date **September 22, 1965**

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.

39616

24044

COPY

Filed

SEP 22 1965

19

at 11:00 o'clock A.M.

May Rutledge
County Clerk and Recorder

2nd pt

GROUNDWATER INDEX

Page 1 of 1

County Leaves Twp. 12 N Rge. 21 E

[illegible]

File No. 17227T. 12 N R. 21 E

DUPLICATE

County Fergus

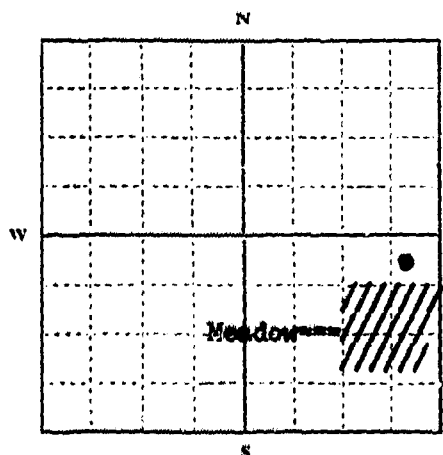
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater September 1924Owner Rachel V. Eiselein Address Roundup, MontanaContractor (if any) NoneAddress of Contractor NoneDate Started May 1932 Date Completed August 1933

SE. 1/4, Sec. 23, T12N R21E

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural Flowing Springs known in the area as Velvet Springs consisting of a group of springs, flow opened up somewhat by shallow excavating, consolidated by shallow trenches. Use of water is continuous for stock water. Total flow of water is fairly stable.

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

estimate approximate lengths of periods of use, for stock water continuous all year. In dry years water is used to irrigate 10 acre meadow. Total flow estimated at two cubic feet per second with the use of containers. Small diversion dam constructed of rock and earth, ditch dug to convey water to meadow.

Signature of Owner Rachel V. EiseleinDate December 26, 1963

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

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

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

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

17227

COPY

State of Montana,
County of Fergus.

Filed DEC 30 1963
at 10:00 o'clock A.M.

Wray Stubbins
County Clerk and Recorder
204 pt

GW 4

17833

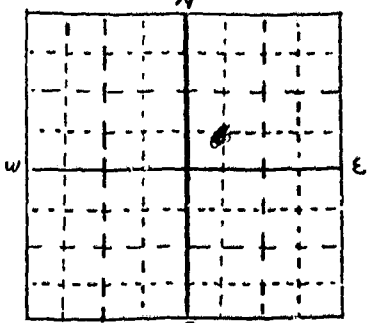
12N 21E
T.
County Fergus

State of Montana
Administrator of groundwater Code
Office of State Engineer

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

R
JAN 3 1964
STATE ENGINEER

1. Palma S. Kirkpatrick and Lillian Pinn of Forest Grove
(Name of Appropriator) (Address) (Town)
County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



.....Sec. 31 T. 12N R. 21E

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 General Ranch Use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **Drilled 1961 - continuous**
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....**Do not 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.....
Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water**1961**
8. The depth of water table**Do not know**
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
4 inch casing; drilled well; 68 ft. depth
10. The estimated amount of groundwater withdrawn each year.....**Do not know**
11. The log of formations encountered in the drilling of each well if available.....
Log well was filed in Fergus County when drilled
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 court record.....

Signature of Owner.....

Date 12/31/63

17833

COPY

State of Montana, }
County of Fergus, }

Filed JAN 2 1964 19

at 10:30 o'clock A.M.

Levy Rathbun
County Clerk and Recorder

200 ph

GROUNDWATER INDEX

Page 1 of 1

County Fergus Twp. 12 N Rge. 22 E

[illegible]

File No.

T. 12 N. R. 22 E. /

DUPLICATE

LOG

WATER RESOURCES BOARD
RECEIVED

NOV 25 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERCounty Fergus

Top of Ground

(Elev. above sea level.)

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

12 surface soil

18 gravel

25 redish brown shale and clay

32 purple shale water 26'

34 1/2 hard rock

41 Brownish purple shale

50 Brownish tan sand

54 Hard white rock

65 redish sand water

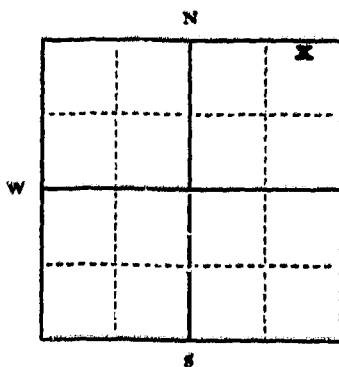
60 grey sand

67 white rock particles of pyrite

Owner N-Bar Ranch Address Grass Range, MontanaDriller Joe Kombol Address Roundup, Montana
Box 898Date of Notice of appropriation of groundwater noneDate well started 8/19/68 Date completed 8/30/68Type of well Drilled Equipment used Churn
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"		0	34 1/2			
6"		34 1/2	67			
	8" I.D. 22#	0	19			
	6" I.D. 13#	0	34 1/2			
	5" I.D. Plst.	7	67	1/2" holes	34	67

NE 1/4 Sec. I. T12 R. 22
Indicate location of well and place of use, if possible. Each small square represents 40 acres.Static Water Level for non-flowing well
..... 5 feet.

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

Pumping Water Level..... 50 feet

at..... 5 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... bake BailerLength of Test..... 2 Hr.

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff) 6" casing cementedat 34'

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

44,800

34430

COPY

State of Montana } ss.
County of Fergus }

Filed NOV 22 1968 19

at 8:02 o'clock A.M.

200 *May Anthony*
County Clerk and Recorder

W 3

Approved Stock Form—State Publishing Co., Helena, Montana—39089

File No.

15657

T. 12 N. R. 22 E

DUPLICATE

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 2 1963

Notice of Completion of Groundwater Appropriation
Without Well

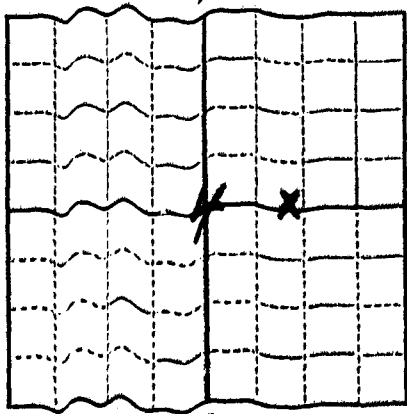
(Under Chapter 237 Montana Session Laws, 1961)

Owner Under Homestead Act Date of Appropriation of Groundwater Dec. 18, 1930.
Present Owner MINNIE E. JOHNSON (deceased)
Present Owner JEANNETTE RAY Address Box 162 Lewistown
Mont.

Contractor (if any) NoneAddress of Contractor "Date Started None Date Completed Nov. 28, 1963

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

of South Fork of Flat Willow
Creek



SWNE 1/4 Sec. 4 T12N R. 22E

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

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

estimate approximate lengths of periods of use intermittent

by livestock

Signature of Owner Jeannette RayDate Oct. 21, 1963

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

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

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

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

15657

COPY

State of Montana }
County of Fergus }

Filed OCT 2 1963

at 3:30 o'clock PM

Wm. R. Rithland
County Clerk and Recorder

#200

File No. 15554

DUPLICATE

T. 12N R. 22E

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

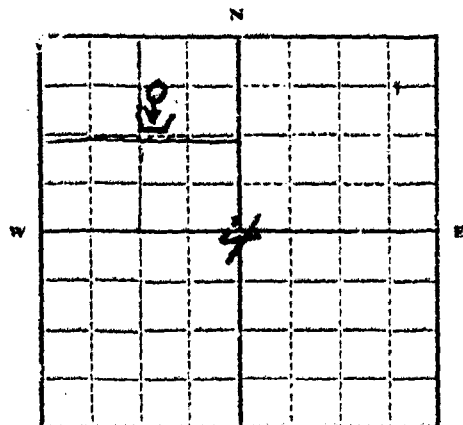
RECEIVED
SEP 25 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. E. JEANNETTE RAY of P.O. Box 162 Lewistown
(Name of Appropriator) (Address) (Town)
County of Fergus State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 3
Sec. 4 T. 12N R. 22E

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 use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Prior to year 1928
continuous use & still being used
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Natural flow
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater None
8. The depth of water table Water comes to 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 Natural flow spring without structures
10. The estimated amount of groundwater withdrawn each year 50,000 gallons
11. The log of formations encountered in the drilling of each well if available no log
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 records. However, further from this source that later used for 1928 year by N. Bar Ranch & County Clerk used device.

Signature of Owner E. Jeannette RayDate Sept 24, 1963

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

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

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

15554

COPY

State of Montana, } ss.
County of Fergus.

Filed SEP 24 1953 13
at 2:45 o'clock P.M.
Way Kethum
County Clerk and Recorder

5200

File No. 15553T. 12N R. 22E

DUPLICATE

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

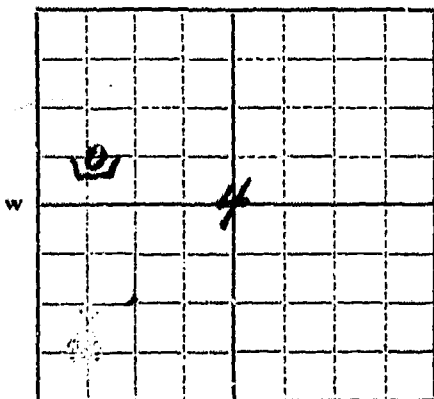
RECEIVED
SEP 25 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. E. JEANNETTE RAY, of P.O. Box 162 Lewistown
(Name of Appropriator) (Address) (Town)
County of Fergus State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 4 T. 12N R. 22E

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. Shallow well for livestock use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Year 1915. Used for many years for domestic & livestock
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 land 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 hand
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. year 1915
8. The depth of water table. 3 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' x 5' auger. Originally there was a shed over well
10. The estimated amount of groundwater withdrawn each year. Post war 60,000 gallons/yr
11. The log of formations encountered in the drilling of each well if available. Shallow well probably alluvium
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 records available on well. Post war was regular or daily. However at present, use is slight to none. Future use is practical & possible

Signature of Owner

Date Sept 24, 1963

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

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

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

6045

15553

COPY

State of Montana, } ss.
County of Fergus.

Filed SEP 24 1963

19

at 2:45 o'clock P.M.

Way Rethen
County Clerk and Recorder

\$2.00

File No.

15658

T. 12 N. R. 22 E

DUPLICATE

County

Fergus

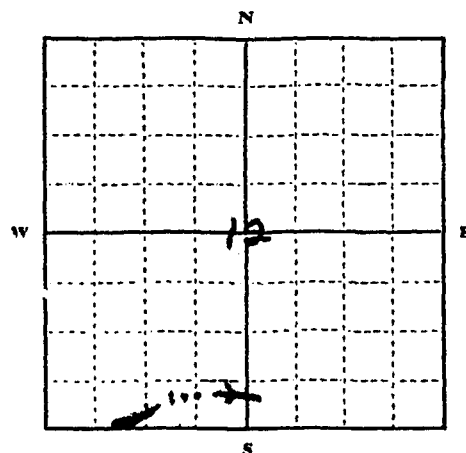
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. E. JEANNETTE RAY, of P.O. Box 162, Lewistown,
(Name of Appropriator) (Address) (Town)
County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



5 1/2 SW 1/4 Sec. 12 T. 12 N R. 22 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 irrigated garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Year 1917 earliest use continuous use for garden 1917 to 1938 and continuous use for livestock
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Mostly sub-irrigated garden 30 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 1/2 acre garden. At former garden was in use was in name of Jack Ray
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal using water in creek when needed it was by hand
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater None
8. The depth of water table 2 1/2 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 None
10. The estimated amount of groundwater withdrawn each year Variable
11. The log of formations encountered in the drilling of each well if available No 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 No record just first known as Duffee

Signature of Owner

Date Oct 2, 1963

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

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

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

15658

COPY

State of Montana, } ss.
County of Fergus.

Filed OCT 2 1963
at 3:30 o'clock P.M.
Way Rathbun
County Clerk and Recorder

File No. **17226**

T. **12 N** R. **22 E**

DUPLICATE

County **Fergus**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater **August 1912**

Owner **Rachel V. Eiselein** Address **Roundup, Montana**

Contractor (if any) **None**

Address of Contractor **None**

Date Started **June 1914** Date Completed **August 1914**

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

Flow of water increased by excavation several feet.

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

estimate approximate lengths of periods of use.

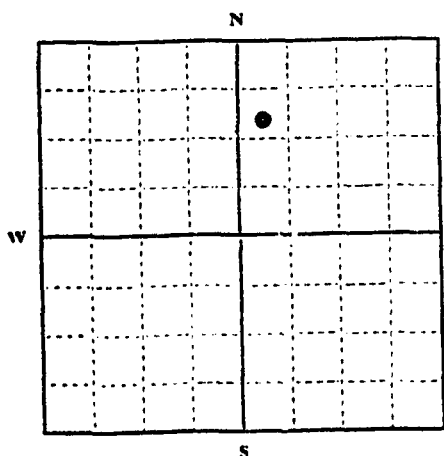
Use of water is continuous for stock water.

Spring flows approximately 20 gallons per hour,

estimated from time to fill 200 gallon water tank

Signature of Owner *Rachel V. Eiselein*

Date **December 26, 1963**



NE 1/4 Sec. 19 T. 12 N. R. 22 E
Indicate point of appropriation and place of use, if possible.

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

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

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

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

17226

COPY

State of Montana, } ss.
County of Fergus.

Filed DEC 30 1963 19
at 10:00 o'clock A.M.

Wey Rathen
County Clerk and Recorder

2nd pt.

17224

File No.

T. 12 N. R. 22 E.

DUPLICATE

County Pergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

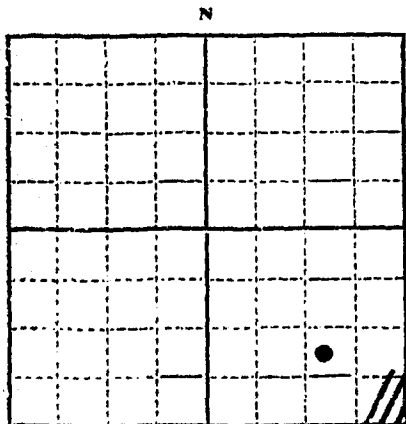
STATE ENGINEER
**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater November 19, 1936Owner A. W. Eiselen Address Roundup, MontanaContractor (if any) NoneAddress of Contractor NoneDate Started May 1940 Date Completed October 1940

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Developed a spring in an old dry creek bottom by excavating approximately four feet. Built a 40-foot dam with rock and earth pack to form a reservoir from which a 20-acre meadow may be irrigated as required and to furnish stock water.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. Capacity of spring increased to 20 gallons per hour. Continuous use of stock water, and seasonal use of water for irrigation.



32 1/4 Sec. 34 T. 12 N. R. 22 E.

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

Signature of Owner A. W. EiselenDate December 26, 1963

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

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

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

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

17224

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State of Montana, }
County of Fergus. }

DEC 30 1963

Filed

at 10:00

May Robinson

County Clerk and Recorder

22-2-64

File No. **17225**T. **12 N. R. 22**

DUPLICATE

County **Fergus**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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JAN 2 1964

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

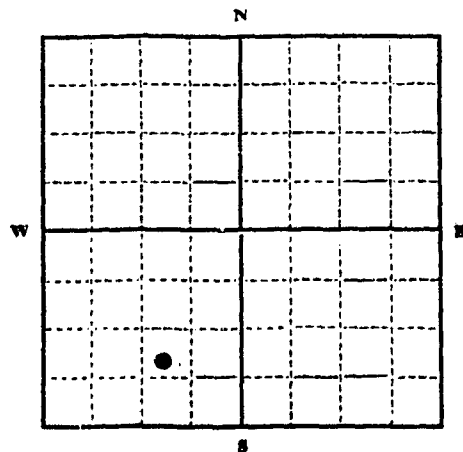
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater **November 19, 1936**Owner **A. W. Eiselein** Address **Boundup, Montana**Contractor (if any) **None**Address of Contractor **None**Date Started **April 1937** Date Completed **July 1937**

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. **Natural Spring, several feet of excavating to open up flow water. Installed 2-inch pipe from spring to 200 gallon water tank.**

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent **Capacity of spring 15 gallons per hour, actual county estimate approximate lengths of periods of use**

Use of water from spring is continuous for stock water.

Signature of Owner *A. W. Eiselein*Date **December 26, 1963**

SM. 1/4 Sec. 35 T12N R22E

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

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

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

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

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

17225

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State of Montana,
County of Park.

DEC 30 1963

Filed
10:00 a.m.
Wm. C. [Signature]
County Clerk and Recorder
2nd fl.

21

Page / of /

County DeKalb Twp. 12 N Rge. 23 E

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GW 2

File No. 14696

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T. 12 R. 23

County FERGUS

STATE ENGINEER
STATE OF MONTANAADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEERRECEIVED
JUN 24 1963Notice of Completion of Groundwater
Appropriation by Means of a Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner TRESSA JOHNSON Address GRASS RANGE, MONT

Driller JOE KOMBOL Address BAKERS BLUNDUP, MONT

Date of Notice of Appropriation of Groundwater NONE

Date well started 5-20-63 Date Completed 5-24-63

Type of well DRILLED Equipment Used CHURN
(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 4000)

27 RED CLAY

37 STATIC WATER LEVEL
8 G.P.M.

52 SAND

59 RED CLAY

63 RED SAND

67 GRAY SAND

72 WHITE ROCK

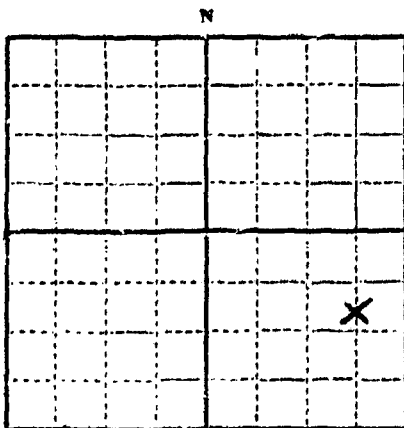
2 G.P.M.

92 REDSANDY SHALE

110 GRAY SAND

112 SHALE
BOTTOM

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 1/2"	6" 20 GAUGE GAL.	0	112	FACTORY	36	42
					83	68
					106	109



NE 1/4

Sec. 3 T. 12 R. 23

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

Show exact depth of bottom.

Static Water Level for non-flowing Well 37 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 7.0 feet at 2 1/2 gal. per minute.

Discharge in gal. per min. of flowing well.

How Tested BAILER 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)

Driller's License Number 95

Driller's Signature Joe Kombol

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.)

4730