

gw

File No.

Twp: 18 T. 179 N. R. 56 E.

DUPLICATE

County: Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

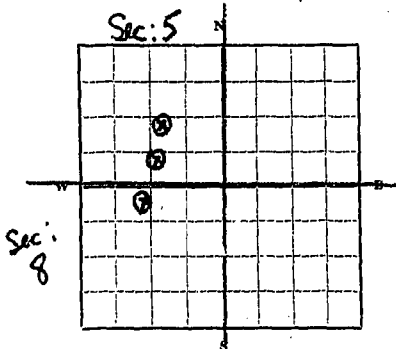
RECEIVED
DEC 20 1963

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

Hatfield & Raudsep Inc.

1. By Leida E. Hatfield, President, of Savage, Montana
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 5 & 8 T. 18 N. R. 56 E

Indicate point of appropriation and place of use, if possible. Each small square represents 40 acres.

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
60 gallons per minute, this being the estimate total of the 3 separate springs indicated on the plat.

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
Natural flowing springs

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Approximately 1910

8. The depth of water table
Not applicable to springs

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
No wells involved in this declaration.

10. The estimated amount of groundwater withdrawn each year
60 gallons per minute, see Ques. # 4 above.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
No other information available.

Attest: *Arvin P. [Signature]*
Secretary

(Corporate Seal)

Hatfield & Raudsep, Inc.
By *Leida E. Hatfield*
Signature of Owner Leida E. Hatfield
President

Date December 16th, 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.

10737

290331

STATE OF MONTANA
County of Dawson

Filed for record this 18th day of
December A. D. 1963, at
11:30 o'clock A.M.

Lordan H. Russell
County Clerk and Recorder.

By Faye Scheithis Deputy.

Sec. Pl. #203

File No.

T. 18 R. 56

DUPLICATE

County Dawson

Partially S.W.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 19 1963

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12 August 1950

Edward W. Ames

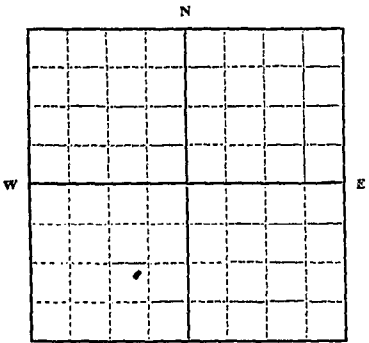
Owner Edwin H. Ames, Jr. Address Int. Hg. Montana

Contractor (if any) Not applicable

Address of Contractor Not applicable

Date Started Not applicable Date Completed Not applicable

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



1/4 Sec. 6 T. 18 R. 56
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. Flow is at 4 gallons per minute, measured with bucket, used intermittently 3 times a year for 30 day interval with 6 weeks between intervals; to water about 125 c.w.s.

Signature of Owner Edwin H. Ames Jr.

Date MAR 18 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.

282912

STATE OF MONTANA
County of Dawson

Filed for record this 18th day of
Mar A. D. 1963, at
11:45 o'clock A.M.

Landon W. Russell
County Clerk and Recorder.

By Alice Austly Deputy.

Fee pd. \$ 2.00

3

7

File No.

T. 18 R. 56

DUPLICATE

County

SW Probably SW

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

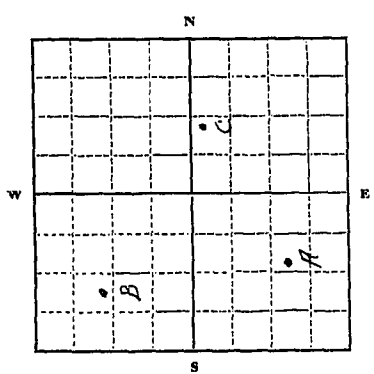
RECEIVED
MAR 19 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater *April 30, 1942*
Owner *Edward L. Ames* Address *Intake, Montana*
Contractor (if any) *Not applicable*
Address of Contractor *Not applicable*
Date Started *Not applicable* Date Completed *Not applicable*



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. *Appropriations A, B, and C are natural flowing springs.*

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 *A 5 gallons per minute; B 3 gallons per minute; C 3 1/2 gallons per minute; used 5 gallon bucket to catch water in use 3 times a year at about 6 weeks to a time to water approximately 125 cows.*

Signature of Owner *Edward L. Ames by Philip H. Ames*
MAR 18 1963

Date

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.

282917

STATE OF MONTANA
County of Blaine

FILED for record this 18th day of
May A. D. 1963, at

11:45 AM

Gordon W. Russell
County Clerk and Recorder

Miss [Signature]

Fee pd. 2⁰⁰

File No.

T. 18 R. 56

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

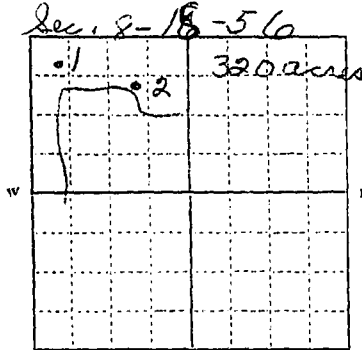
Date of Appropriation of Groundwater about 1933

Owner Chas. W. Leese - Lease
State of Montana Address Intake

Contractor (if any) none

Address of Contractor none self developed

Date Started Date Completed



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

water holes and built
small dams 1, 2
used shovel & tractor

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. Spring
and fall, not good in
summer otherwise will
water about 130 cattle

..... 1/4 Sec. 8 T. 18 R. 56
Indicate point of appropriation
and place of use, if possible.

Signature of Owner Leese

Date 12/31/63

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

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

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

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

32122

287017

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1963, at
4:30 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder:

By _____ Deputy.

File No.

T. 18 N R 56 E

DUPLICATE

Edwin H. Ames Jr.
Edward L. Ames
LOG

County Dan

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)

Owner: Edwin H. Ames Jr. & Edward L. Ames Address: Dan, Mont.

Driller: C. H. Starr Address: Box 1183 - Dan

Date of Notice of appropriation of groundwater:

Date well started: May 25 70 Date completed: May 30 70

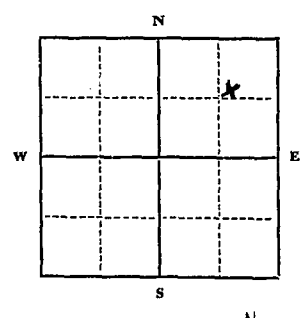
Type of well: drilled Equipment used: Cable Tool
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

0	Top of Ground
15	gravel
15	(Elev. above sea level.....)
20	sand
20	gravel
28	dk clay
28	grey shale
63	coal-tittle
65	water
65	grey shale
87	grey shale
87	sandy formation
99	water sand
107	dk shale
110	coal
110	coal
114	2 1/2 gal. water
114	grey shale
116	

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	4"	0	105			
	11 # ft					



Static Water Level for non-flowing well 78' feet.
 Shut-in Pressure for Flowing Well.....
 Pumping Water Level..... 104' feet
 at..... 4 1/2 gal. per minute.
 Discharge in gal. per min. of flowing well

How Tested..... Bailers
 Length of Test..... 2 hrs

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

Doc. No. 3102-16
 Filed for record this 16 day of June
 A. D. 19 70, at 10:30 o'clock A.
 NE 1/4 Sec. 10, T. 18, R. 56

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).

Edwin H. Ames Jr.

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.

168
 Driller's License Number
C. H. Starr
 Driller's Signature.

46581

310216

STATE OF MONTANA

County of Dawson
Filed for record this 16th day of

June A. D. 19 70 at
10:30 o'clock A. M.

Harold J. Russell
County Clerk & Recorder

By Patricia A. Hester Deputy

2/11/12

File No.

T. 18 R. 56

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1963
STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

SW?

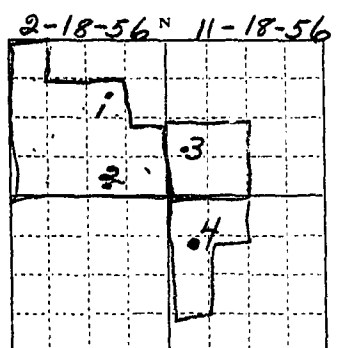
Date of Appropriation of Groundwater... 1938

Owner Bud + Doris Stevenson Address Intake

Contractor (if any) L. P. Anderson

Address of Contractor Blendive

Date Started 1956-1959 Date Completed 1956-1959



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 3-4 not developed

1-2 dams built and water holes dug. Done first in 1956 and enlarged in 1959.

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 dry up in summer but good in spring and fall. Will carry about 100 cattle.

Signature of Owner Doris Stevenson

Date 12/31/63

..... 1/4 Sec. T. R.
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.

32125

287020

287020

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1963, at
4:30 o'clock P. M.

George W. Russell
County Clerk and Recorder.

By _____ Deputy.

12

File No.....

T. 18 R. 56

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1914

Owner Viola A. Lease Address Intake

Contractor (if any) L. P. Anderson

Address of Contractor Glendive

Date Started 1956 + 1959 Date Completed 1956 + 1959

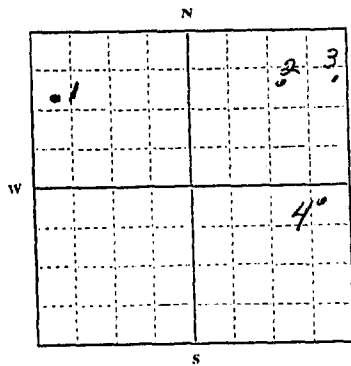
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 1, 2 + 4 natural springs and used as such - not very good. (3) a dam was built and excavation done - from 2 to 6 feet deep

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 1, 2, 4, dry up in summer. no 3 good enough to water 130 cattle year round

Signature of Owner Viola A. Lease

Date 12/31/63



..... 1/4 Sec. 12 T. 18 R. 56
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.

286984

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of December A. D. 1963, at
5:30 o'clock P. M.
Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

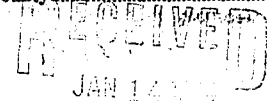
File No.

T. 18 R. 56

DUPLICATE

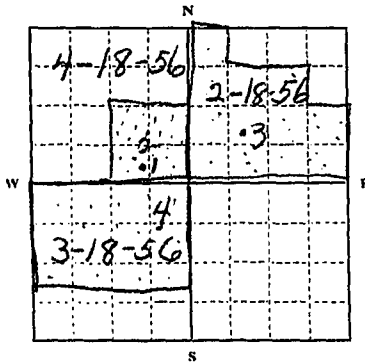
County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



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

1. Bud + Doris Stevenson, of Intake
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- The beneficial use on which the claim is based water livestock and garden
- Date or approximate date of earliest beneficial use; and how continuous the use has been (1) 1910 every day usage
(2) 1957 every day usage
(3) 1910 continuous for years now only in summer
(4) 1910 " " now needs repairing
- The amount of groundwater claimed (in miner's inches or gallons per minute) (1) 3 (2) 3 (4) 1 (3) 4
- 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) for family garden, lawn, trees
Bud + Doris Stevenson
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal (1) (2) electric pumps
3. pumps on motor
4. drills redeveloping
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
(1) 1910 (2) 1957 (3) 1910 (4) 1910
- The depth of water table (1) 90 (2) 90 (3) 3.2 (4) 90
- 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
all 27 inch diameter
(1) 96 (2) 102 (3) 60 (4) 95
- The estimated amount of groundwater withdrawn each year (1) 450,000 (2) 880,000 (3) 200 (4) more
- The log of formations encountered in the drilling of each well if available all wells similar
35' clay 35' gravel then blue clay and coal
- 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 all have slow but
continuous inflow

Signature of Owner Doris Stevenson
Date 12/31/63

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

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

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

321²4

287019

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1963, at
4:30 o'clock P.M.

Gordon W Russell
County Clerk and Recorder.

By _____ Deputy.

23

File No.....

T. 18 R. 56

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 20 1963

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater All about 1957
Owner Joe, Frank, and Angelo Crisafulli
A-George Hakes Address Glendive, Montana
Contractor (if any) B&C-Davis Engle
Address of Contractor All-Glendive, Montana
A-1958
Date Started B & C-1957 Date Completed same year

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

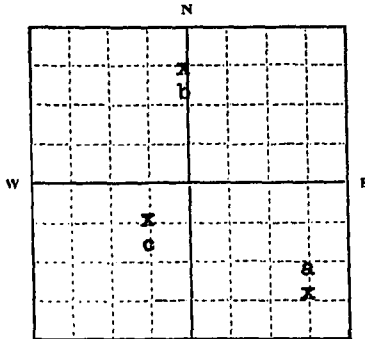
All-gravity system

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.....

all-10 gallons per minute

all-used year around



A SE 23 18 56
B 1/4 NW Sec. 23 T. 18 R. 56
Indicate point of appropriation and place of use, if possible.
C SW 23 18 56

Joe, Frank, and Angelo Crisafulli
Signature of Owner

Date November 18, 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.

7408C

285850

STATE OF MONTANA
County of Dawson

Filed for record this 19th day of
November A. D. 1963, at
9:00 o'clock A. M.

Gordon H. Russell
County Clerk and Recorder.

By Alis Outley Deputy.

Fee pd. \$2⁰⁰

File No.

T. 18 R. 56

DUPLICATE

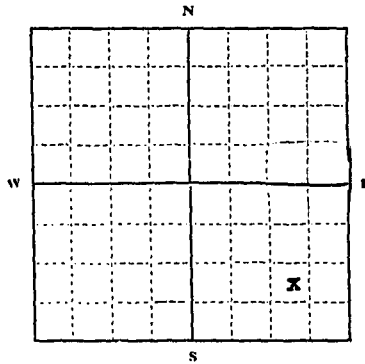
County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 20 1963
STATE ENGINEER

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

1. Joe, Frank, Angelo Crisafulli, of Glendive
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE
1/4 SE Sec. 3 T.18 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.....
Stock Water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
1910
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
10 gal per min.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
not used for irrigation
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Deep well pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... Started - 1910 - Completed - 1910
- 8. The depth of water table..... 100'
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
6" casing - 150' DEEP - Deep
- 10. The estimated amount of groundwater withdrawn each year..... 10 gal per min.
- 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

Signature of Owner: Joe, Frank & Angelo Crisafulli
Date: November 18, 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.

74085

285846

STATE OF MONTANA
County of Dawson

Filed for record this 19th day of
Nov A. D. 1963, at

9:00 o'clock A.M.

Lauson W. Russell
County Clerk and Recorder.

By Allen Austin Deputy.

Fee pd. 2⁰⁰

File No.

T. 18 R. 56

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 19 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

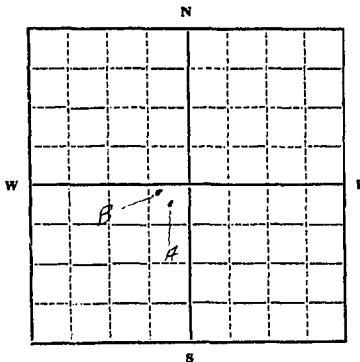
STATE ENGINEER

Edward H. Ames

1. Edwin H. Ames Jr. of Intake
(Name of Appropriator) (Address) (Town)

County of Dawson State of Montana

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



S. 1/4. T. 18 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 stock water, household use, irrigating garden and lawn, and trees

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well A' August 1959; Well B' 1914, continuous use for both wells.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Well A' 10 gallons per minute; Well B' 1 1/2 gallons per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Irrigate approximately 1 acre of garden, lawn, and trees; Edwin H. Ames Jr.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well A' by Electric submersible pump; Well B' by Electric pump jack.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well A' began July 24, 1959, completed August 3, 1959; Well B' I do not know the exact drilling dates.

8. The depth of water table Well A' 101 Feet; Well B' 94 Feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well A' bored well with 12" steel casing; drilled to 110 Feet; Well B' bored well with 12" steel casing; drilled to 94 Feet.

10. The estimated amount of groundwater withdrawn each year 3,000,000 gallons

11. The log of formations encountered in the drilling of each well if available Well A' 11 Feet of sandy loam; 3' of gravel and sand; 40 Feet of clay; 20 Feet of sand; on a blue clay bottom. No information on well B'.

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 Point of location is the place of use.

Signature of Owner Edwin H. Ames Jr.

Date MAR 18 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.

282914

STATE OF MONTANA
County of Dawson

Filed for record this 18th day of
Mar. A. D. 1962, at
11:45 o'clock A.M.

Hudson W. Russell
County Clerk and Recorder.

By Alvin Anthony Deputy.

Fee pd. \$ 2.00



314

File No.

T. 18 R. 56

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 10 1963

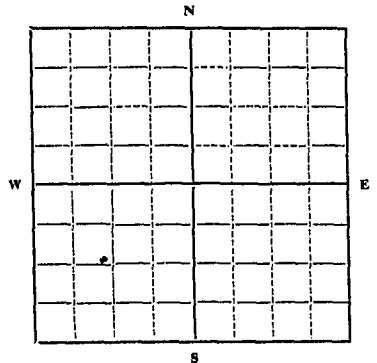
Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Edward L. Ames

1. Edwin H. Ames, Jr., of Intake
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sect. 4, T. 18, 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 stock water well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 17, 1960
Three months out of the year

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gallon per min
Not

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 Dug well
Dug well powered by gasoline engine

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started May 5, 1960; completed May 17, 1960

8. The depth of water table 154'

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" steel casing
drilled to 160'

10. The estimated amount of groundwater withdrawn each year 1,899.00 gallon

11. The log of formations encountered in the drilling of each well if available Don't have
2 log of formations

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 Edwin H. Ames, Jr.
Date MAR 18 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.

3948

282913

STATE OF MONTANA
County of Dawson

Filed for record this 18th day of
Mar. A. D. 1963, at

11:45 o'clock A.M.

Ludon W. Russell
County Clerk and Recorder.

By Chris Anthony Deputy.

Fee pd. # 2.00

File No.

T. 18 R. 56

DUPLICATE

County Dawson

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

RECEIVED
 MAR 19 1963

Declaration of Vested Groundwater Rights

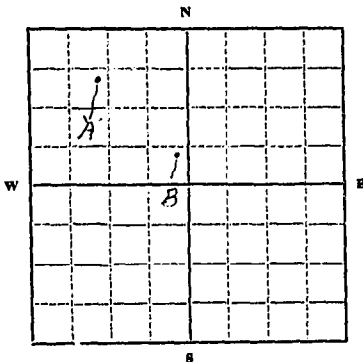
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Edward L. Ames

1. Edwin H. Ames, Sr. of Intake
 (Name of Appropriator) (Address) (Town)

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



N.W. 1/4 Sec. 15 T. 18 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. Stock water wells.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Well A June 1948. Well B October 1961. Continuous use for both wells.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Well A 2 gallons per minute. Well B 7.5 gallons per minute.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Well A with gas engine and pump jack. Well B with electric pump jack.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well A started June 8 and completed June 14, 1948. Well B started October 16, 1961; completed October 17, 1961.

8. The depth of water table. Well A at 43 Feet; Well B at 68 Feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Well A bored well with 2 1/2" wooden casing, drilled to 68 Feet. Well B drilled well with 4" steel casing, drilled to 74 Feet.

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

11. The log of formations encountered in the drilling of each well if available. Well A 2' top soil; 10' gravel and sand; 7' sand; 21' grey clay; 3' sand; 35' blue clay. Well B 3' top soil; 2' gravel and sand; 60' grey clay; 9' fine water sand; with a sand rock bottom.

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. Place of use of both wells is at place of appropriation.

Signature of Owner Edwin H. Ames, Sr.

Date MAR 18 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.

282916

STATE OF TEXAS
County of Tarrant

Filed for record on 18th day of
March 1963

11:45 o'clock AM

Gordon W. Russell
County Clerk and Recorder

By Archie Anthony

Fee pd. \$ 2.00

GW 2

File No.

DUPLICATE

T. 12 R. 56

County Beaver

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Joe Tomaline Address Intake Mont.

Driller Edison Water Well Drilling Address Blaine, Idaho

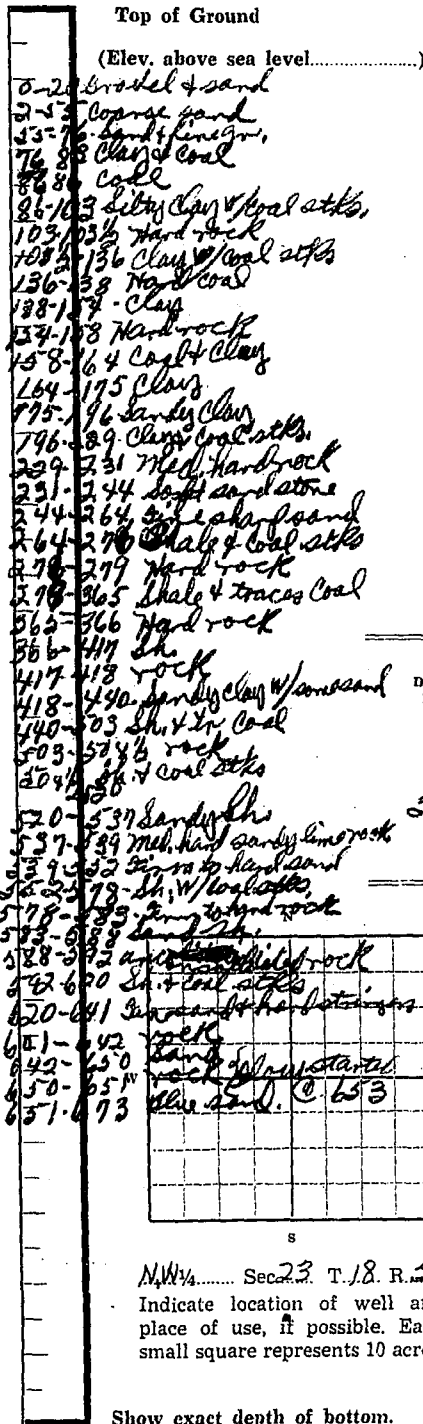
Date of Notice of Appropriation of Groundwater

Date well started 9-7-61 Date Completed 9-13-61

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

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6	4 1/2" x 11"	0	160			
4 3/4"	2"	0	670	Shale	630	670
5 7/8"		411	678			

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

Shut-in Pressure for Flowing Well 22#

Pumping Water Level.....feet atgal. per minute.

Discharge in gal. per min. of flowing well 18

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)

Steel 1 1/2" packer set @ 411 + 610

61
Driller's License Number

Elton Addison
Driller's Signature

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

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

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

281879

STATE OF MONTANA
County of Dawson

Filed for record this 4th day of
Jan A. D. 1963, at
2:00 o'clock P.M.
Landon W. Russell
County Clerk and Recorder.
By Oliver Outley Deputy.

Fee pd. # 2.00

RECEIVED

184-56E 25
County, Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

001 10 1972

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.

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 Ronald Tague
Address Intake, Montana
Date well started 7, Oct. 1971
completed 8, Oct. 1971

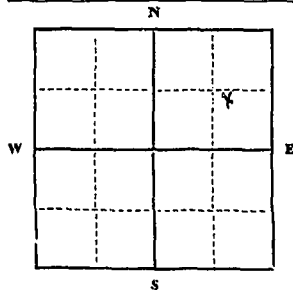
For Administrator's Use
File <u>3/2231</u>
<u>Oct. 6, 1972 4:10 p.m.</u>
GW 1

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 31,000,000

Size of Drilled Hole	Size and Weight of String	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	5" 7.9"	0	42	NONE	-	-
4"	2"	0	170	1/4 torch slots	140	160



Static water levelft.*
Pumping water levelft.*
atgallons per minute,
measuredminutes after pumping began.
*Measured from ground level.
Well developed by
forhours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
flowing well

SE 1/4 NE 1/4 Sec. 25
T. 13 N. R. 26 E. 14
2" cemented 2" shut-in

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

Driller's Signature [Signature]

Driller's Address Box 1702 Sidney, Montana

LICENSE NO. 177

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	33	sand gravel
33	45	grey shale
45	52	grey shaly sand
52	55	coal
55	112	grey shale
112	114	coal
114	141	grey shale
141	162	sand water
162	170	grey shale

170 Show exact depth of bottom

51,564

317231
317231

STATE OF MONTANA
County of Dawson
Filed for record this 6th day of
October A. D. 1972 at
4:10 o'clock P. M.
Gordon W. Russell
County Clerk & Recorder
By Max Wilson Deputy

File No.

RECEIVED

T. 18N R. 56E

DUPLICATE

FEB 8 1968

County DEARBORN

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner, R. D. Dill, Lilly Tagg Address, Intake, Mont.

Driller, Ad. Kison waterwell Dr. Address, Glendive, Mont.

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

Date well started, 8-15-67 Date completed, 8-26-67

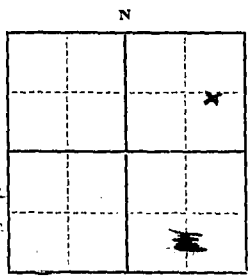
Type of well, Drilled Equipment used, Rotary
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

- Top of Ground (Elev. above sea level.....)
- 0-42 Blue shale 6 in bed at 31'
- 42-46 Hard gray sandstone
- 46-65 Bluish grey clay into fine sand
- 65-66 Hard red rock
- 66-69 Grey clay
- 69-75 Sandy blue clay
- 75-76 Med. hard blue clay
- 76-84 Trace coal & grey clay
- 86-110 Thin streak of hard red shale
- 110-114 Hard blue sandstone
- 114-116 Hard coal
- 116-159 Grey clay
- 159-164 Hard coal
- 164-170 Grey clay
- 170-182 Silty grey clay
- 182-185 Hard grey shale
- 185-187 Grey clay
- 187-191 Hard coal
- 191-206 Brown and grey clay
- 206-207 Hard shale
- 207-218 Silty clay
- 218-239 Blue & grey clay w/trace blue sandstone
- 239-243 Hard coal
- 243-252 Grey clay w/trace coal
- 252-278 Med. hard grey sandstone
- 278-333 Dark grey shale
- 333-393 Coal and low strata
- 393-455 Fine sandstone
- 455-536 Fine sandstone
- 536-538 Hard red rock
- 538-576 Hard red rock
- 576-634 Blue shale w/trace coal
- 634-640 Grey clay
- 640-674 Grey clay
- 674-678 Grey clay
- 678-682 Fine sandstone
- 682-688 Hard red rock
- 688-702 Sandy grey clay
- 702-716 Fine red sandstone w/trace blue shale
- 716-760 Blue shale
- 760-778 Black shale w/trace coal
- 778-798 Med. soft blue sandstone
- 798-835 Sandy grey shale
- 835-874 Blue shale w/trace coal
- 874-885 Grey sandstone
- 885-903 Shale w/trace coal
- 903-924 Fine sandstone
- 924-951 Blue shale
- 951-975 Grey clay
- 975-996 Black shale

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4 1/2" 9 1/2"	0	150			
4 3/4"	2 3/8"	150	945	1/2" holes	904	940



Static Water Level for non-flowing well 60 feet.

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

Pumping Water Level 7.5 feet at 1.5 gal. per minute.

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

How Tested.....

Length of Test.....

Remarks: (Gravel packing, cementing, packers, type of shutoff) Rubber Packers @ 150' and 6-8'

(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.

61
Driller's License Number
Elton Adkison
By Marie Adkison
Driller's Signature Elton

42,996

ONE AND A HALF ACRES
C. H. HARRIS

301814
301814

STATE OF MONTANA
County of Dawson
Filed for record this 7th day of
Feb A. D. 19 68 at
11:15 o'clock a M.
Dorothy D. Russell
County Clerk & Recorder
By Patricia J. Strawn Deputy

18N-56E 25
 County... Dawson

RECEIVED

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 MONTANA WATER RESOURCES BOARD

OCT 11 1972

DRILLER'S LOG

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 Donald Tague
 Address Intake, Montana
 Date well started 19, Sept, 1972
 completed 29, Sept, 1972

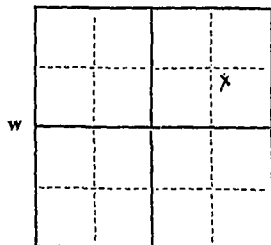
For Administrator's Use
 File 317230
Oct. 6, 1972 4:10 p.m.
 GW 1

Type of well drilled (Dug, driven, bored or drilled)
 Equipment used rotary (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 5,000,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
3"	6" 17#	0	32	None		
6"	4" 9.50#	0	171	None	555	570
4"	3" 7.1#	0	580	torch slots		



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

*Measured from ground level.
 Well developed by _____
 for _____ hours.

Power _____ Pump _____ HP
 Remarks: (Gravel packing, cementing, packers, type of shut-off)

Flowing well _____ gpm
 Shut-in _____

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

Driller's Signature [Signature]

Driller's Address Box 1102 Sidney, Montana

LICENSE NO. 777

Top of Ground _____ (Elev. above sea level)

From (Feet)	To (Feet)	Description
28	29	sand
43	45	grey shale
43	46	coal
46	64	grey shale
64	69	coal
69	83	grey shale
183	195	rock
195	203	grey shale
208	211	coal
211	328	grey shale
328	331	rock
331	353	grey shale
353	355	coal
355	362	brown shale
362	423	grey shale
423	520	grey-green shale
520	555	grey shale
555	570	sandstone water
570	580	grey shale

580 Show exact depth of bottom

51,563

317230

317230

STATE OF MONTANA

County of Dawson

Filed for record this 6th day of

October A.D. 1972 at

4:10 o'clock PM M.

Dorcas H. Russell

County Clerk & Recorder

By Richard J. DeLoach Deputy

33

File No.

STATE WATER CONSERVATION BOARD

T. 48-N. R. 56-E

DUPLICATE

MAR 1 1967

County Dawson

LOG

Blife. _____ McDematt _____ STATE OF MONTANA
 Bulfinch _____ Administrator of Groundwater Code
 Coyne _____ Office of State Engineer
 Darlington _____ Sullivan _____
 Dickert _____

**Notice of Completion of Groundwater
 Appropriation by Means of Well**
 DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

- Top of Ground
 (Elev. above sea level.....)
- 0-14 Soft gray s. stone w/ dark shales
 - 14-17 soft to hard con.
 - 17-20 brown clay
 - 20-32 fine sand
 - 32-42 Sand by yellow clay
 - 42-70. Sandy blue clay
 - 70-89- Lotta. gray clay
 - 89-94 Hard coal
 - 94-97. Thick gray clay w/ sh.
 - 97-100 Hard gray to brown coal
 - 100-118. Hard brown clay w/ sh.
 - 118-219. Fine gray sand
 - 219-239. Dark gray to brown clay
 - 239-240 Hard gray
 - 240-44 Shaly clay
 - 44-45 Hard coal
 - 45-50. Heavy brown clay w/ sh.
 - 50-51. Hard to k. hard sandstone
 - 51-70. Heavy sandy sandy clay
 - 70-80 fine gray med. soft sandstone
 - 80-87. Med. soft blue sandstone
 - 87-93. Med. soft blue sandstone
 - 93-103. Shaly blue sandstone
 - 103-104. Med. soft blue sandstone
 - 104-105. Med. soft blue sandstone
 - 105-107. Med. soft blue sandstone
 - 107-108. Med. soft blue sandstone
 - 108-109. Med. soft blue sandstone
 - 109-110. Med. soft blue sandstone
 - 110-111. Med. soft blue sandstone
 - 111-112. Med. soft blue sandstone
 - 112-113. Med. soft blue sandstone
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 - 115-116. Med. soft blue sandstone
 - 116-117. Med. soft blue sandstone
 - 117-118. Med. soft blue sandstone
 - 118-119. Med. soft blue sandstone
 - 119-120. Med. soft blue sandstone
 - 120-121. Med. soft blue sandstone
 - 121-122. Med. soft blue sandstone
 - 122-123. Med. soft blue sandstone
 - 123-124. Med. soft blue sandstone
 - 124-125. Med. soft blue sandstone
 - 125-126. Med. soft blue sandstone
 - 126-127. Med. soft blue sandstone
 - 127-128. Med. soft blue sandstone
 - 128-129. Med. soft blue sandstone
 - 129-130. Med. soft blue sandstone
 - 130-131. Med. soft blue sandstone
 - 131-132. Med. soft blue sandstone
 - 132-133. Med. soft blue sandstone
 - 133-134. Med. soft blue sandstone
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 - 135-136. Med. soft blue sandstone
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 - 150-151. Med. soft blue sandstone
 - 151-152. Med. soft blue sandstone
 - 152-153. Med. soft blue sandstone
 - 153-154. Med. soft blue sandstone
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 - 191-192. Med. soft blue sandstone
 - 192-193. Med. soft blue sandstone
 - 193-194. Med. soft blue sandstone
 - 194-195. Med. soft blue sandstone
 - 195-196. Med. soft blue sandstone
 - 196-197. Med. soft blue sandstone
 - 197-198. Med. soft blue sandstone
 - 198-199. Med. soft blue sandstone
 - 199-200. Med. soft blue sandstone

Owner Richard D. Ingers Address in table next
 Driller Alvin Water well 25 Well 25 Cross 25

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

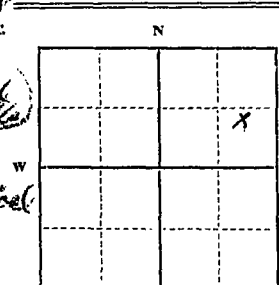
Date well started 11-14-66 Date completed 11-18-66

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

Water use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4" x 9"	0	125			
4 1/2"	2 3/8"	125	578	3/8" holes	522	578



Static Water Level for non-flowing well feet.
 Shut-in Pressure for Flowing Well 25 feet
 Pumping Water Level feet
 at gal. per minute.
 Discharge in gal. per min. of flowing well
30 gals.
 How Tested.....
 Length of Test.....
 Remarks: (Gravel packing, cementing, packers, type of shutoff) Gravel packing

Indicate location of well and place of use, if possible. Each small square represents 40 acres.
 (Continue on reverse side)

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

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.

61
 Driller's License Number
Alvin
 Driller's Signature

41765

298498

STATE OF MONTANA
County of Dawson
Filed for record this 28th day of
July A. D. 1967 at
9:20 o'clock AM.
Gerda J. Russell
County Clerk & Recorder
Patricia Peterson

234

File No.

T. 18 R. 56

DUPLICATE

County. Dawson

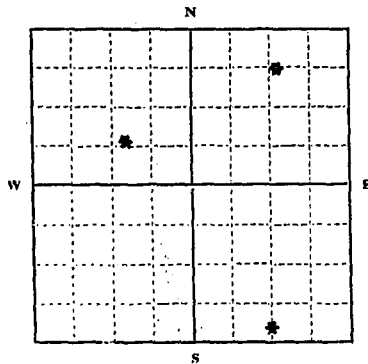
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 14 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Fletcher, Charlotte, Ann H. & Charles O., of Intake
(Name of Appropriator) Temple (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 34 T. 18 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, Stock Garden irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1900 continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10 gallons per. minute on each well. for 3 wells

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. Irrigate garden from one well, one acre garden. Same owners.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. One well windmill for garden. One well for stock electric pump. One well for house hand pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1900 1900

8. The depth of water table. 35 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. 3 ft. casing dug by hand 30ft. deep for garden. 2 ft. Cement casing dug by hand 26 ft deep for stock. 6" casing 35 ft. deep for household use.

10. The estimated amount of groundwater withdrawn each year. 1,000,000 gallons for 3 wells.

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. Homestead in 1885 and used continuous since. Been assessed and taxed since and on file and record in Dawson County.

Signature of Owner *Ann Fletcher*
Charlotte Fletcher
Charles O Temple
Date 12-31-1963

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

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

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

32050

286945

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1963, at
4:30 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder.

By..... Deputy.

34

File No.....

T. 18 R. 56

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 14 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

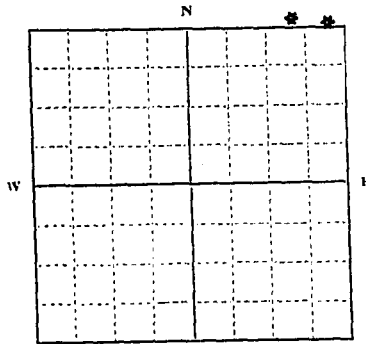
Date of Appropriation of Groundwater 1885
Fletcher, Charlotte, Ann H. &
Owner Charles G. Temple Address Intake, Montana

Contractor (if any)

Address of Contractor

Date Started 1885 Date Completed 1885

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



..... $\frac{1}{4}$ Sec. 34 T18 R56
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...continual flow
approximately 2 gallon per. minute.

Chas Fletcher (Chas. Little Fletcher)
Signature of Owner
Charles O Temple Date 12-31-1963

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

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

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

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

32051

286946

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1963, at
4:30 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

SEP 17 1970

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.

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.

LOWER YELLOWSTONE IRRIGATION PROJECT

Owner **SIDNEY, MONTANA**

Address **SIDNEY, MONTANA**

Date well started **8-23-70**

completed **8-27-70**

Type of well **DRILLED**

Equipment used **CHURN**

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Garden/Lawn

For Administrator's Use

File **310750**
September 16, 1970
8:00 a.m.

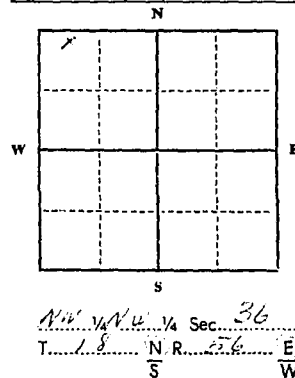
GW 1

*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 **1,440,000 Gal**

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" P	4" I.D. 11" P/FT	0	174	1/8" slots	170	173



Static water level **78** ft.*
Pumping water level **78** ft.*
at **45** gallons per minute,
measured **60** minutes after pumping
began.
*Measured from ground level.
Well developed by **BAILER**
for **2** hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)
Gravel packed on outside
of PERFS & up 30 FT.
Well filled w/ plastic clay
then cemented TOP 6 FT.

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

Driller's Signature **David Gulbraa**

Driller's Address **R.T. 1 BOX 303-B**
Sidney, Montana LICENSE NO. **94**

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	38	Gravel
38	60	Blue Clay
60	61	Coal
61	65	Blue sandy clay
65	83	Thin sandy clay
83	93	Blue sandy clay
93	97	Coal - water 197 PM
97	115	Thin sandy clay
115	130	Gravel sandy clay coal
130	133	ROCK - water 7:30 PM
133	163	Thin sandy clay
163	165	Dark sandy clay
165	170	Thin sandy clay
170	173	Thin sand - water
173	174	Coal

174 Show exact depth of bottom

217520

030750

STATE OF MONTANA

County of Dawson

Filed for record this 16th day of

Sept A D 19 70 at

8:00 o'clock A M.

Gordon St Russell
County Clerk & Recorder

By Jacqueline Peterson Deputy

File No.

T 18 N R 56 E 36

DUPLICATE

County Dawson

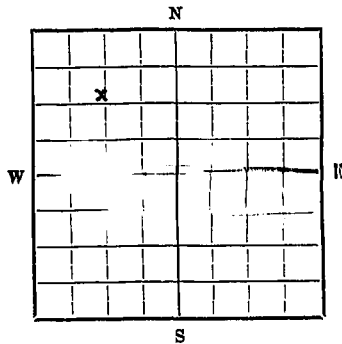
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 20 1963

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

STATE ENGINEER

1. United States of America, of Box 2553 Billings
(Name of Appropriator) (Address) (Town)
County of Yellowstone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec 36 T18 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 domestic
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1966 and continuous
- 4. The amount of groundwater claimed (in miner' inches or gallons per minute) 5 gallons per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 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 deep-well hand pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater approx 1966
- 8. The depth of water table 10 feet
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater depth of well is 110 feet, 4 inch casing
- 10. The estimated amount of groundwater withdrawn each year 8.1 million feet
- 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 This water is used for domestic, household, stock watering, and similar uses by employees of the United States, or its agents in connection with operation of the Lower Yellowstone Federal Reclamation Project.

UNITED STATES OF AMERICA
Signature of Owner [Signature]
Regional Director, Region 6, Bureau of Reclamation
Date December 2, 1968

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.

10730

Faint header text at the top of the page, possibly including a title or reference number.

Faint text in the upper left quadrant, possibly a date or location.

Faint text in the upper middle section, possibly a name or title.

Faint text in the middle left section, possibly a name or title.

Faint text in the middle right section, possibly a name or title.

286324
286324

STATE OF MONTANA
County of Dawson

Filed for record this 18th day of
December A. D. 1963, at
9:00 o'clock AM.

Dennis H. Russell
County Clerk and Recorder.

By Loye Anderson Deputy.

1 Fee

GW 2

File No. _____

DUPLICATE

RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—46805 36

T. 18 N. R. 56 E

County Dawson

LOG

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)

Owner Fish & Game Address Helena, Mont.
Driller C. H. Starr Address Box 1183 - Helena

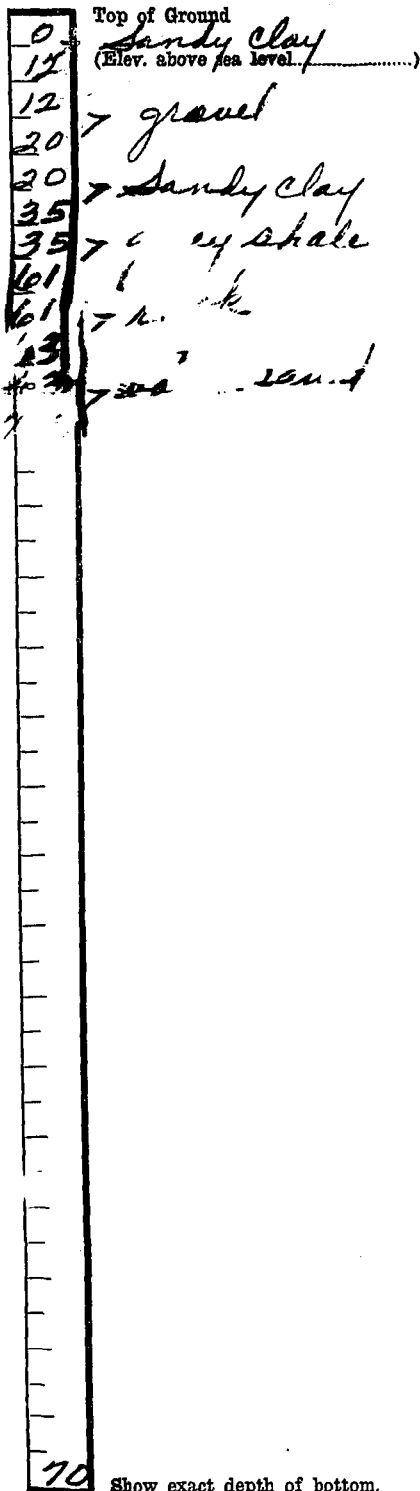
Date of Notice of appropriation of groundwater _____

Date well started 6-13-73 Date completed 6-27-73

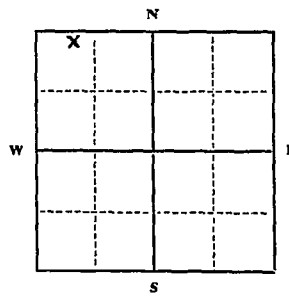
Type of well drilled Equipment used Cable Tool
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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)
5 1/2"	4"	0'	6.5'			
55'	11#					
4"						
70'						



Static Water Level for non-flowing well top of ground
Shut-in Pressure for Flowing Well _____
Pumping Water Level 56 feet
at 6 gal. per minute.
Discharge in gal. per min. of flowing well _____

How Tested Bailed & pumped
Length of Test 5 Feet

Remarks: (Gravel packing, cementing, packers, type of shutoff) Gravel packed up in casing 3 ft. Cemented in. Type of shutoff

NW 1/4 Sec. 36 T. 18 N. R. 56 E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

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.

168
Driller's License Number
C. H. Starr
Driller's Signature.

320232

STATE OF MONTANA

County of Dawson
Filed for record this 9th day of
August A. D. 19 13 at
9:36 o'clock AM.
Darwin H. Russell
County Clerk & Recorder
By Marilyn Wolf Deputy

GROUNDWATER INDEX

County Dawson Twp. 18 N Rge. 57E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Sabatka, August	Hw3	280008	Sec. 4, 7, 15, 16E
4	Sabatka, August	Hw3	280008	See Sec. 1 Above
5	Sabatka, August	Hw4	286171	Sec. 5, 7, +18
5	Sabatka, August	Hw4	294693	
6	Sabatka, August	Hw4	294692	
6	Sabatka, August	Hw4	280007	Sec. 6 + 17
7	Sabatka, August	Hw4	286171	See Sec. 5 Above
7	Sabatka, August	Hw3	280008	See Sec. 1 Above
9	Rice, George S. Jr	Hw4	286874	
9	Rice, George S.	57 Well Log		
9	Rice, George	57 Well Log		
11	Eaton, Jack	57 Well Log		
11	Eaton, Jack	57 Well Log		
11	Hot Box Land + Cattle Co.	Hw4	286652	Sec. 11, 12, 21, + 33
11	K+W Ranch	Hw2	308263	
12	Eaton, Jack	57 Well Log		
12	Eaton, Jack	57 Well Log		
12	Hot Box Land + Cattle Co.	Hw4	286652	See Sec. 11 Above
13	K+W Ranch	Hw2	305014	
17	Sabatka, August	Hw4	280007	See Sec. 6 Above
18	Division of Land Management	Hw2	292806	T 15 N - R 57 E
18	Tomalino, Joe	Hw2	281284	
21	Hot Box Land + Cattle Co.	Hw4	286652	See Sec. 11 Above
24	K+W Ranch	Hw2	308264	
29	Temple, Carl C. et al	Hw4	286698	
29	Temple, Carl C. et al	Hw4	286699	
33	Hot Box Land + Cattle Co.	Hw4	286652	See Sec. 11 Above

File No. 921.4

DUPLICATE

Approved Work Form

Printing Co., Helena, Montana—38496

T. 18 R. 57 E

56 E Sec 1

County DAWSON

RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1959

Owner August Sobotka Address Intake, Montana

Contract (if any) None

Address of Contractor

Date Started Date Completed

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

Springs have to be cleaned out every four or five years.

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

Four gallons a minute run through pipe;
also dug-out sumps

Signature of Owner August Sobotka

Date July 7, 1962

1-18-56 N 4-18-57

			X	
X			X	
			X	
	X			
		X		

7-18-57 s

1/4 Sec T R

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 Bureau of Mines and Geology and Quadruplicate for the Appropriator.

280008

STATE OF MONTANA
County of Dawson

Filed for record this 9th day of
July A. D. 1962, at
2:45 o'clock P.M.

Landon W. Russell
County Clerk and Recorder.

By Alice Quathy Deputy.

See pd. 2⁰⁰

STATE WATER CONSERVATION BOARD
File No. _____

T. 18N R. 57E

DUPLICATE DEC 31 1965

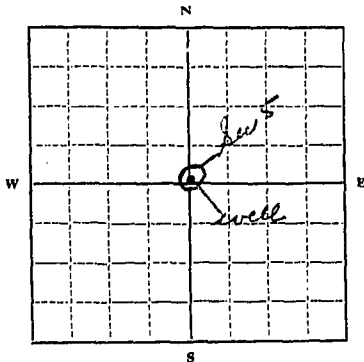
County Dawson

Blife _____ McCormick _____
 Butcher _____ McNulty _____
 Coyne _____ Morton **ADMINISTRATOR OF GROUNDWATER CODE**
 Darlington _____ Sullivan _____
 Dickert _____ **OFFICE OF STATE ENGINEER**

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. August Sobotka of Intake
 (Name of Appropriator) (Address) (Town)
 County of Dawson State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Center
 _____ Sec. 5 T. 18 R. 57

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

2. The beneficial use on which the claim is based.....
drilled artesian well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. October, 1964
continuous use

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... October 15, 1964

8. The depth of water table..... 760'

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 100' 4" casing at surface with 2" steel well casing 760' from surface to bottom of well

10. The estimated amount of groundwater withdrawn each year..... 3 GPM continuous flow

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

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

Signature of Owner August Sobotka
 Date December 29, 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

40226

294693

STATE OF MONTANA

County of Dawson
Filed for record this 30th day of
Dec. A. D. 1965 at

3:20 o'clock P. M.
Gordon W. Russell
County Clerk & Recorder

By Alice Aughty Deputy

See pd. 2nd

File No.

T. 18 R. 57 E

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

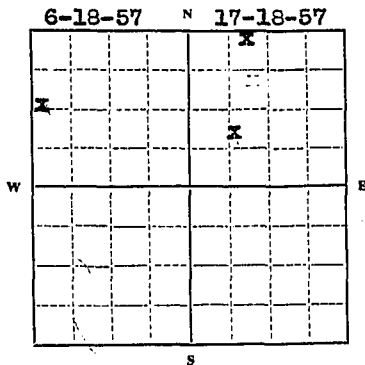
RECEIVED
JUL 10 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, August Sobda of Intake, Montana
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1940; year around

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Five 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. None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump; 6-18-57; 17-18-57

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1940 and 1956

8. The depth of water table. 70 feet in 6-18-57; 16 feet in 17-18-57

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 and 6 inch casing

10. The estimated amount of groundwater withdrawn each year. 1,721,000 gallons per well

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 August Sobda

Date July 7, 1962

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

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

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

280007

STATE OF MONTANA
County of Dawson

Filed for record this 9th day of
July A. D. 1962, at
2:45 o'clock P. M.

Landon W. Russell
County Clerk and Recorder.

By Alice Austin Deputy.

Fee pd. \$ 2.00

File No.

STATE WATER CONSERVATION BOARD

T. 18N R. 57 E

DEC 31 1965

County Dawson

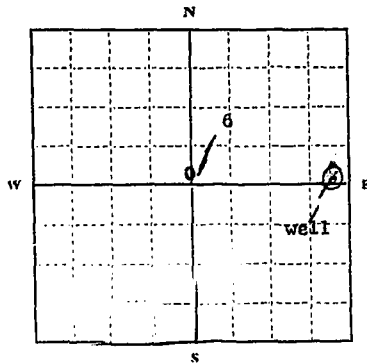
DUPLICATE

McDermott STATE OF MONTANA
Butzerin ADMINISTRATOR OF GROUNDWATER CODE
Coyle OFFICE OF STATE ENGINEER
Darlington
Dickert

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. August Sobotka, of Intake, (Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based drilled artesian well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been November, 1964

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 9 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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater November 1, 1964

8. The depth of water table 1000'

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 - 100' 4" steel casing at surface with 2" steel well casing 1000' feet from surface to bottom of well

10. The estimated amount of groundwater withdrawn each year 5 GPM continuous flow

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 August Sobotka

Date December 29, 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

40277

20489

STATE OF ILLINOIS

County of Cook

Recorded at _____ day of _____

3:20 P.M. 1905

Gordon W. Russell

County Clerk & Recorder

By *Oliver Austin* Deputy

See p. 2

T. 18 R. 57
County Lawson

RECORDED

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner George Rice Address Centake, Mont.
Driller Lawe Gulbrack Address Sidney, Mont.
Date Started 12-1-54 Date Completed 12-8-54
Location: Sec. 9 T. 18 R. 57 ¼ sec. SE

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

Use for: Domestic Municipal Stock Irrigation
 Industrial Drainage Other: _____

Casing: 6 ft. to 5.8 ft. Type Steel Size 4 1/2"

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

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

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

Type of screen or perforations: _____

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

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

Pumping water level: 37 feet at 15 gal. per min.

How tested: Backs & Pump

Length of test: 1 HR each

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

(over)

File No.

T. 18 R. 57

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964

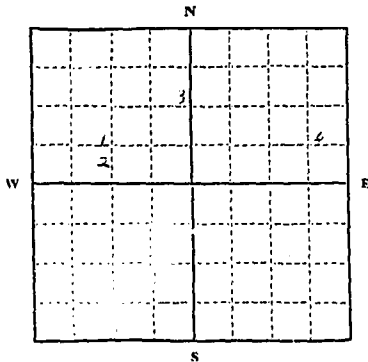
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. George S. Pice JR. of Intake
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 9 T. 18 R. 57

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

2. The beneficial use on which the claim is based Wells 1, 2, 3, 4
used for stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been no. 1 well 1940 no. 2 well
1940 no. 3 and 4 wells 1959

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Wells No. 1 and 2 5 gallons
no. 3 and 4 4 gallons per minute

5. If used for irrigation, 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 from 9' pipes

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Wells No. 1 and 2 are unknown
Wells No. 3 and 4 were started 1959 and completed 1959

8. The depth of water table 15 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
Wells No. 1, 2, 3, 4 all 6 casing wells no. 3 5 feet
deep well no. 4 6-5 feet deep

10. The estimated amount of groundwater withdrawn each year 250,000 gallons

11. The log of formations encountered in the drilling of each well if available Wells No. 1, 2, 3, 4
all light soil

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 George S. Pice Jr.

Date Dec. 31, 1963

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

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

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

280874

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of
December A. D. 1962, at
3:30 o'clock P. M.

Harold Russell
County Clerk and Recorder.

By _____ Deputy.

Form No. 18
8-60

12

T. 18 R. 57

County DAWSON

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

X	

Owner Jack Eaton Address Glendive, Montana

Driller Adriason Water Well Drlg. Address Glendive, Montana

Date Started 5-12-60 Date Completed 5-18-60

Location: Sec. 12 T. 18 R. 57 $\frac{1}{4}$ sec. NE $\frac{1}{2}$ of NW $\frac{1}{4}$

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 0 ft. to 20 ft. Type Hvy Size 5 $\frac{1}{2}$ "

Casing: 20 ft. to 302 ft. Type Blk Size 2"

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

Perforated or Screened: Ft. 280 to ft. 300. Ft. _____ to ft. _____

Type of screen or perforations $\frac{1}{8}$ holes

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

Shut-in pressure, for flowing well: 4 lb./sq. in. on: 5-14-60
(date)

Pumping water level _____ feet at 5 gal. per min. _____

How tested: _____

Length of test _____

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

Steel Pack off Collar at 80'

(over)