



File No. 305

6-24  
T. G.S. R.H.F.  
County Carbon

DUPLICATE

JAN 26 1968

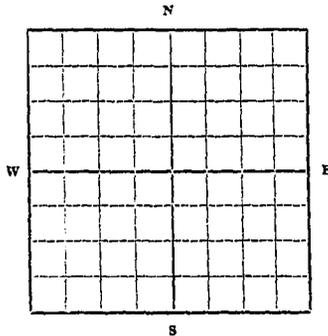
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. JOHN TOWN and DUGAL MARKS, of Bridger  
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 3<sup>11, 9</sup> 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 is for irrigation of agricultural crops and domestic use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1895 and use has been continuous since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 400 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 300 acres in Sections 3, 4 and 9, Twp. 6 S., Range 24 East. Name of John Town and Dugal Marks.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal This water consists of springs whose waters are collected in ditches and an artesian well.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Springs were used from date of 1895. Artesian well was completed February 17, 1950. Waters of all are used for these beneficial uses.

8. The depth of water table Varies. Some of land has to be drained. Water table then varies from the surface to 786 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 In 1950 a well was drilled prospecting for oil. It hit an artesian flow at 786 feet and flows approximately 330 miner's inches. Of this claimed rights are 150 miner's inches. The 250 additional inches are from springs. The waters of the springs are collected by pipes and ditches.

10. The estimated amount of groundwater withdrawn each year Use of claimants is 400 miner's inches. It is used in the farming season; when not used drainage is into Blue Water Creek.

11. The log of formations encountered in the drilling of each well if available No complete log. At 631 feet small show of oil and gas, more gas at 642 feet. Not commercial quantities. Artesian well was drilled at 786 feet.

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. We believe that the foregoing shows and establishes the nature and extent of our claims.

*John Town*

Signature of Owners *Dugal Marks*

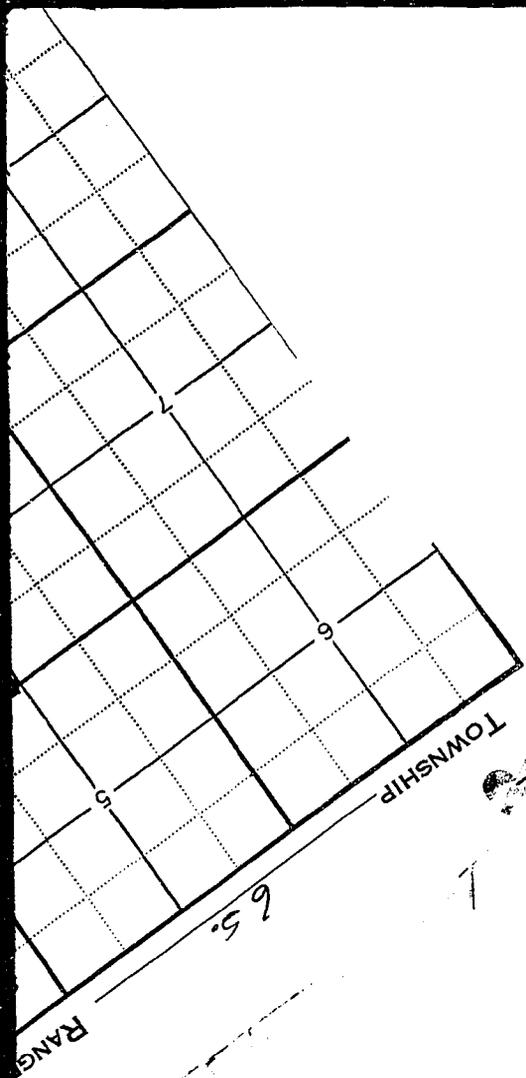
Date December 17, 1963.

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.

43,496



#305

158906

STATE OF MONTANA, }  
COUNTY OF CARBON } SS.  
Office of the County Clerk & Recorder

I hereby certify that the within  
Water filing was filed  
for record in my office this 17 day  
of Dec. A. D. 19 63  
at 3:45 o'clock P. M.

Attest my hand and the seal of  
said County  
FRANK DANICHEK, COUNTY CLERK

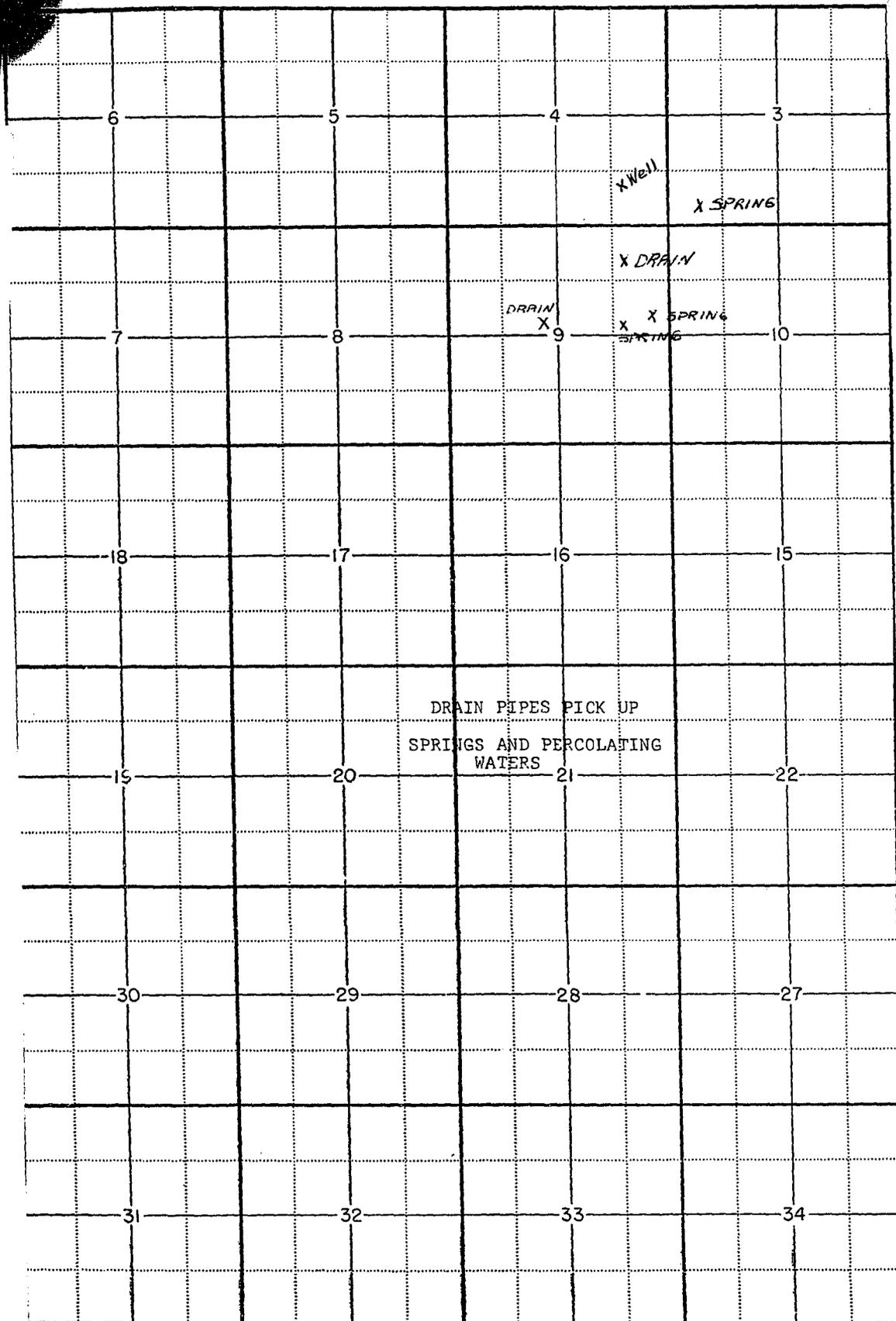
Clerk and Recorder  
By Tony G. Zupan Deputy  
Fees \$ 200.00

TOWNSHIP

65.

RANGE 24 E.M.P.M.

Carbon  
County  
COBNT



*Please verify  
Chas. K. ...  
SEE ONE 4*

WATER APPROPRIATION, CARBON COUNTY, MONTANA, JANUARY 1, 1950 TO DATE.

Appropriated by: Nelson E. Stanford  
Address: Bridger, Montana  
Date: May 15, 1952  
Quantity: 150 Miners inches  
Name of stream: Waters of Oil & Gas Well known as Rukavina No. 1  
SESE SEC. 4 T6 S. R. 24 E  
Purpose: Irrigation  
Place of use: SE $\frac{1}{4}$ SW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Lots 5, 6, 7,  
2, 3, 4, Section 6; Lot 1, Section 7, Twp. 6 S.  
Range 24, East, MPM. and SE $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ S $\frac{1}{4}$ , Lot 1,  
Section 1, E $\frac{1}{2}$ NE $\frac{1}{4}$  Section 12, Twp 6 S. R. 23 E. MPM.  
Means of diversion: Ditch 4' X 4' in size.  
Measuring device: Not shown  
Recorded: March 26, 1953 at 3:50 P.M.  
Book 4 Water Rights Page 186

*NOTE: would have to check means of diversion  
to determine ground or surface water. COPIED*

*Blue water Co.  
Charter for 7th year.  
4  
65-245*

WATER APPROPRIATION, CARBON COUNTY, MONTANA, JANUARY 1, 1950 TO DATE

Appropriated by: Marko Rukavina  
Address: Bridger, Montana  
Date: February 20, 1950  
Quantity: 300 Miners inches  
Name of stream: Waters of Oil & Gas Well known as Rukavina No.1  
SE $\frac{1}{4}$ SE $\frac{1}{4}$  Section 4, Twp. 6, S.R. 24 E. MPM  
Purpose: Irrigation  
Place of use: Farm land of affiant in Section 4 & 9 T.6 S.R.24 E.  
Means of diversion: Ditch 8' X 2'  
Measuring device: Not shown  
Recorded: February 20, 1950 at 4:25 P.M.  
Book 4 Water Rights Page 176

*Note: would have to check means of diversion  
to determine ground or surface water.*

COPIED

3  
File No. 295

T. 6 S. R. 24 E.

DUPLICATE

County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

JAN 26 1968

Date of Appropriation of Groundwater May 17, 1947  
Montana Fish & Game Commission

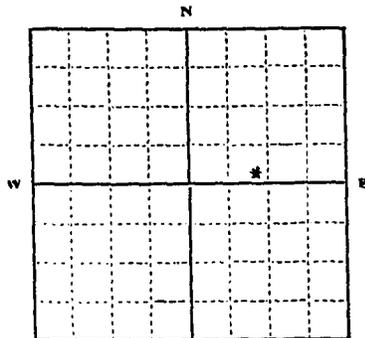
Owner Montana Fish & Game Commission Address Helena

Contractor (if any) \_\_\_\_\_

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. Spring



SW 1/4 NE Sec 9 T. 6S R. 24E

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

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

estimate approximate lengths of periods of use \_\_\_\_\_

2,534 gallons per minute U.S.G.S. Surface

Water Branch. Constant Use for the purpose

of rearing fish.

Signature of Owner Montana Fish & Game Commission  
Samuel G. Kelly Foreman

Date December 17, 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.

#295  
158895

STATE OF MONTANA }  
COUNTY OF CARBON } SS.  
Office of the County Clerk & Recorder

I hereby certify that the within  
Water Approval was filed  
for record in my office this 17 day  
of December A. D. 19 63  
at 11:00 o'clock A. M.

Attest my hand and the seal of  
said County  
Frank Danichik  
Clerk and Recorder

By \_\_\_\_\_ Deputy  
Fees \$ 2.00

JW 3

File No. 236

T. 6 R. 24  
County Carbon

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

JAN 26 1968

Date of Appropriation of Groundwater 1897

Owner H. T. Lester Address Fromberg

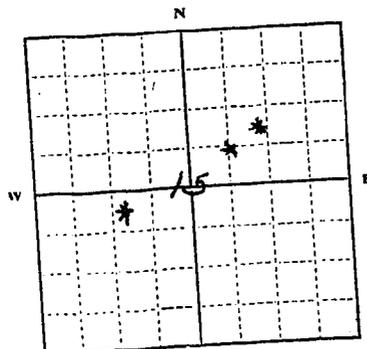
Contractor (if any) none

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.

3 natural flow springs



SW NE S  
NE 1/4 Sec 15 T. 6 R. 24

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.

1 spring - 2600 gal per min  
1 spring 114 inches  
1 spring 7 inches

Signature of Owner H. T. Lester

Date Dec 6, 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.

#236

158733

STATE OF MONTANA. }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within

Water Approp. was filed  
for record in my office this 6 day  
of Dec. A. D. 19 63  
at 11:55 o'clock A. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder

By Jerry J. Zupen  
Facs S. 200 pl.

GW 3  
File No. 764

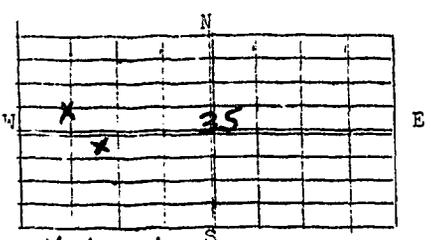
RECEIVED  
JAN 26 1968

T 6 R 24  
County of Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well  
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater about 1914  
Owner Clarence Parker Address Bridge  
Contractor (if any) none  
Address of Contractor \_\_\_\_\_  
Date Started \_\_\_\_\_ Date Completed 1914



NW SW  
NW NW Sec. 35 T 6 R 24  
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  
2 natural springs piped to troughs

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  
Continuous  
timed  
2000 gal per day each spring  
used about 8 months of year

Signature of Owner Clarence Parker  
Date 12-31-63

STATE OF MONTANA )  
County of Carbon ) ss.

Having first been duly sworn, depose and say that he of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person whose name subscribed thereto, 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 \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

Notary Public for the State of Montana  
Residing at \_\_\_\_\_  
My Commission expires \_\_\_\_\_ 19\_\_\_\_

#764

159172

CITY OF MONTANA }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within

Appropriation was filed  
for record in my office this 31 day  
of Dec A. D. 1963  
at 3:15 o'clock P. M.

Attest my hand and the seal of

said County

Frank Danishek  
Clerk and Recorder

Do not

5.00 2.00



File No. 808

T. 6 R. 25

DUPLICATE

County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

RECEIVED  
JAN 26 1968

Date of Appropriation of Groundwater 1910

Owner Laurance Baumann Address Fronberg

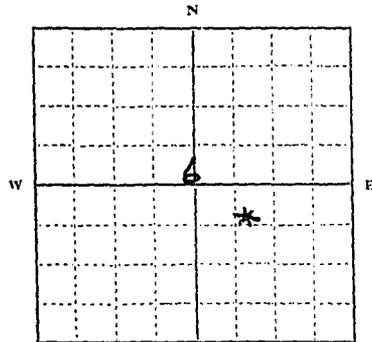
Contractor (if any) none

Address of Contractor none

Date Started \_\_\_\_\_ Date Completed 1910

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

natural spring piped to town



lot 10 <sup>s</sup>  
1/4 Sec. 6 T. 6 R. 25

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 \_\_\_\_\_

150 gal per hour  
continuous use for livestock

Signature of Owner Laurance Baumann

Date 12-30-67

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.

1808

159516

STATE OF MONTANA }  
COUNTY OF CARBON } SS.  
Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
or record in my office this 31 day  
of April A. D. 1963  
at 4:58 o'clock P. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK COUNTY CLERK  
Clerk and Recorder  
by Alice E. Glaves

Fees \$ 2.00

159516

APPROPRIATION  
FILED  
APR 31 1963  
4:58 P.M.

GW 4

File No. 410

T. 6 S., R. 25 E. 7

DUPLICATE

County CARBON

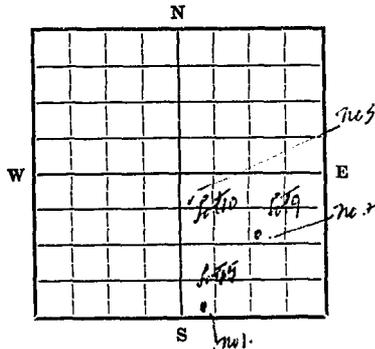
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 26 1963

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

Otto F. Yedlicka and Mayme Yedlicka (record titleholders)  
1. James J. Yedlicka and Edward Yedlicka (contract for deed titleholders)  
(Name of Appropriator) (Address) (Town)  
County of CARBON Town of Ernstberg State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 7 T. 6 S. R. 25 E.

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 for livestock
- Date or approximate date of earliest beneficial use; and how continuous the use has been claim based on claimants and predecessors! use continuously since year 1926
- The amount of groundwater claimed (in miner's inches or gallons per minute) spring No. 1-- 4 to 6 gal per min.  
spring No. 2-- 8-10 gal per min.  
spring No. 3-- 2 gal per min.
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof no irrigation
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal free-flowing springs, with pipe placed to keep them clean
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater no wells
- The depth of water table 4 to 5 feet
- 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 spring no. 1 has 2 inch pipe  
spring no. 2 has series of 3/4 inch pipes  
spring no. 3 has 3/4 inch pipe
- The estimated amount of groundwater withdrawn each year cannot flow year throughout year, estimate of 2,000,000 per year
- The log of formations encountered in the drilling of each well if available no drilling
- 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

*Edward Yedlicka*  
*James J. Yedlicka*

Signature of Owner Otto F. Yedlicka  
in cym of Yedlicka  
Date December 21, 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.

43,952

#410

159078

STATE OF MISSISSIPPI  
COUNTY OF GARLAND } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 26 day  
of Dec A. D. 1963  
at 11:50 o'clock P.M.

Attest my hand and the seal of  
said County  
Frank Sturck  
Clerk and Recorder

By \_\_\_\_\_ Deputy  
Fees \$ \_\_\_\_\_



GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4232.

File No. 1092

T. 75 R. 17E

DUPLICATE

LOG JAN 26 1968

County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

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

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0-15 Sand & Gravel & Rocks

Owner U.S. Forest Service Address Mgr., Mont

Driller B & H Drilling Address Fishtail, Mont

Date of Notice of appropriation of groundwater 6/10/65

15-31 Sand

Date well started 6/4/65 Date completed

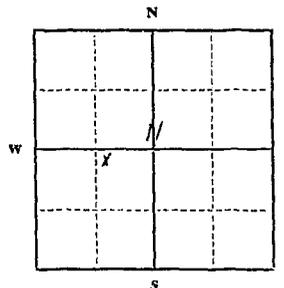
31-50 Gravel & Sand  
50-58 Fine Sand & Much -

Type of well Drilled Equipment used Churn Drill  
(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 inch	6 5/8 18 7/8	18+	47	1/8 x 6	39	47



Static Water Level for non-flowing well 1 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 25 feet at 40 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bail

Length of Test 11 hrs -

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

NW 1/4, Sec. 11, T. 22, R. 17E  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Drilled to 58 ft Pulled Back to 47 ft Trying to get rid of Sand

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.

47 ft Deep -

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.

No. 27  
Driller's License Number

Red P. Hargrave  
Driller's Signature

43,808

#1092

164116

STATE OF MONTANA }  
COUNTY OF CARBON } SS.  
Office of the County Clerk & Recorder

I hereby certify that the within  
Water filing was filed  
for record in my office this 21 day  
of June A. D. 1965  
at 10:25 o'clock A. M.

Attest my hand and the seal of  
said County  
**FRANK DANICHEK, COUNTY CLERK**

Clerk and Recorder  
By Jerry J. Zuppan Deputy  
Rec'd \$

File No. 1093

T. 7S R. 17E

DUPLICATE

LOG

JAN 26 1968

County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

Notice of Completion of Groundwater

Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0-11 Rocks & Gravel & Sand  
11-21 Sand  
21-25 Gravel & Sand  
25-27 Sand  
27-36 Gravel & Sand

Owner U.S. Forest Service Address Mye, Mont

Driller B. H. Drilling Address Fish Lake, Mont.

Date of Notice of appropriation of groundwater

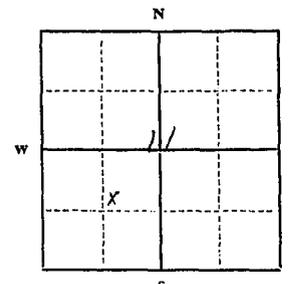
Date well started 5/28/65 Date completed 6/14/65

Type of well Drilled Equipment used Churn Drill  
(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 inch	6 5/8 18.87	18'	36'	Tack Cuts	28' 4x6"	36'



Static Water Level for non-flowing well 5 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 18 feet at 50 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailers & Pump

Length of Test 22 hrs -

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

Indicate location of well and place of use, if possible. Each small square represents 40 acres.  
40 1/4 Sec. 11, T. 7S, R. 17E  
Top 36 inch of Casing  
Water has mica and fine silt wash  
Not Clean after 22 hrs of Pumping & Bailing  
(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.

36 ft Deep -

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.

NO 27  
Driller's License Number

R. J. Hugan  
Driller's Signature

43,869

#1093

164117

STATE OF MONTANA }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within

Water filing was filed  
for record in my office this 21 day  
of June A. D. 1965  
at 10:30 o'clock A. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK  
Clerk and Recorder

By Joseph J. Zupar Deputy

Print Name \_\_\_\_\_

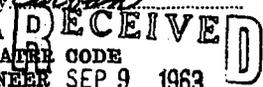
File No. ....

T. 7S R. 17E

DUPLICATE

County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER SEP 9 1963



Top of Ground  
(Elev. above sea level.....)  
Sand 0-10

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner U.S. Forest Service Address Nye, Mont.  
10-30 Big Rocks + Sand  
Driller B.H. Drilling Address Fairfax, Mont.

Date of Notice of Appropriation of Groundwater.....  
Date well started 8/19/63 Date Completed 8/23/63

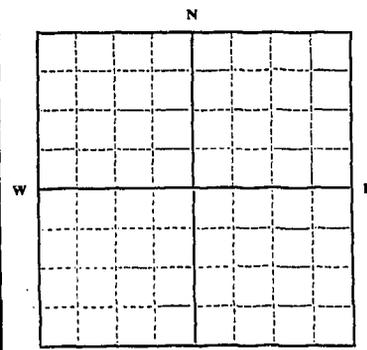
30-42 Gravel + Sand  
42-44 Rocks + Gravel

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

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in	6 in 19#	14	44	Torch Cuts 1/4x6	34	42



.....<sup>s</sup>/<sub>4</sub>..... Sec. 14 T. 7S R. 17E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

44 ft.

Static Water Level for non-flowing Well..... 11 1/2 feet.

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

Pumping Water Level..... 25 feet at 40 gal. per minute.

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

How Tested..... Bailed Length of Test..... 5 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).....

This area is hard to drill because Big Rocks + Sand + Gravel Pack 24-8 ft

NO 27  
Driller's License Number  
Red L Hagan  
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.  
Please answer all questions. If not applicable, so state, otherwise the form will be returned.  
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

File No. ....

T. 75 R. 17E

DUPLICATE

County Carbon

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

Top of Ground 0-5 Gravel + Rocks  
(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, as amended)

5-15 Big Rocks + Gravel

Owner E. J. Koch Address Butte, Mont.

15-36 Gravel + Rocks

Driller B. H. Drilling Address Butte, Mont.

36-47 Clay + Rocks

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

Water

Date well started 8/20/69 Date completed 8/28/69

47-55 Big Rock + Gravel

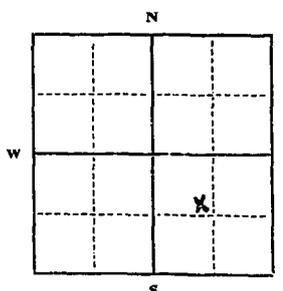
Type of well Drilled Equipment used Churn drill  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

55-63 Gravel + Rocks

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 inch	65/8 18.97 Seamless	1+	6.3	Trench Cuts 1/8 X 6	50	63



Static Water Level for non-flowing well 56 feet.  
 Shut-in Pressure for Flowing Well.....  
 Pumping Water Level 60 feet  
 at 2 gal. per minute.  
 Discharge in gal. per min. of flowing well.....  
 How Tested Series  
 Length of Test 6 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) The gravel has a lot of fine silt in it. These wells will increase in flow + clean up with a lot of pumping. (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).  
Water must come out of East Pasture Lake, but gravel has so much silt that the wells are slow.

Show exact depth of bottom.  
63 ft.

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.

No. 27  
Driller's License Number  
Paul L. Hargrave  
Driller's Signature.

45789

#1249 176094

STATE OF MONTANA }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 11 day  
of Sept. A. D. 1969  
at 1:05 o'clock P. M.

Witness my hand and the seal of  
said County  
Frank Danielek  
Clerk and Recorder  
Deputy

Page 5

Republic Co. Helium, Montana 59021

ION BOARD  
ADWATER CODE  
AWA

RA F 1883  
us of Well  
Groundwater

(Date of recording)

of water-bearing  
or sand, etc. Show  
the different strata  
of  
 (sandstone)  
 (grit, rock or other)

RECORDED  
INDEXED

Handwritten notes and stamps on the right side of the page, including a date stamp and some illegible text.

File No. ....

RECEIVED

T. 75. R. 17E.

DUPLICATE

OCT 8 1971

County Carbon

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)

Top of Ground  
(Elev. above sea level.....)  
0-2 Top soil  
2-13 Gravel & Rocks  
13-45 Gravel & Sand (Water)

Owner Carl Lind Address 403 Glen Dr. Billings  
Montana

Driller B. & H. Drilling Address Fishhook, Montana

Doc. No. #4223 182755

Filed for record Date of Notice of appropriation of groundwater.....

this 7 day of October Date well started 8/4/71 Date completed 8/6/71

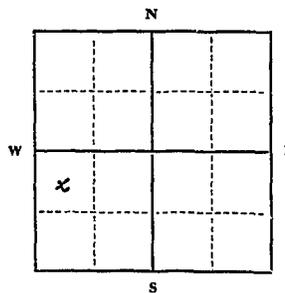
A. D. 19 71, at 10:10 o'clock A. M.

Type of well Drilled Equipment used Churn drill  
(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 inch	6 5/8 18.97 Seamless	2+	45	Snatch cuts 1/8x6	39	44



Static Water Level for non-flowing well 12 feet.

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

Pumping Water Level 40 feet  
at 6 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Sailer

Length of Test 2 hrs.

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

~~1/4~~ Sec. 21 T. 75 R. 17E  
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).

lots 9 & 10 in block 4 of the land owned by the association

being a portion of lots 1 and 2 of section 21 and lots

1 & 2 of section 28 T. 75. R. 17E.

Show exact depth of bottom.

45 ft.

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.

No. 27

Driller's License Number

Red L. Haugard  
Driller's Signature.

49203

#1323 182755

CLERK OF THE COUNTY OF [ ] SS.  
Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 7 day  
of Oct A. D. 1971  
at 10:10 o'clock A-M.

Attest my hand and the seal of  
said County  
[Signature]  
Clerk and Recorder

by \_\_\_\_\_ Deputy

Fees \$ 2.00

File No. ....

T. 75 R. 17E

DUPLICATE

County Carbon

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

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, as amended)



0-26 Gravel + Rocks

Owner Drs. Calvin Agnew Address Billings, Mont.

26-36 Big Rocks + Gravel

Driller B. H. Drilling Address Fishtail, Mont.

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

36-52 Gravel + Rocks

Date well started 8/14/69 Date completed 8/20/69

52-55 Big Rocks + Gravel

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

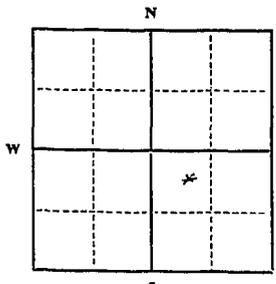
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

MONTANA WATER RESOURCES BOARD

RECEIVED

DEC 10 1969

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 inch	6 5/8 18.97 Seamless	1+	55	Torch Cuts 1/8 x 6	45	55



Static Water Level for non-flowing well 32 feet.  
Shut-in Pressure for Flowing Well.....  
Pumping Water Level 55 feet  
at 2 gal. per minute.  
Discharge in gal. per min. of flowing well.....

How Tested Bailer + Pump  
Length of Test 6 in. Bailer thru Pump  
Remarks: (Gravel packing, cementing, packers, type of shutoff) The gravel has a lot of fine salt in it. These wells will increase in flow + clean up with a lot of pumping.

SE 1/4 Sec. 21 T. 75 R. 17E  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

55-ft.

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.

No. 27  
Driller's License Number

Red L. Huggins  
Driller's Signature.

45952

#1258 176922

COUNTY OF CLATSOP  
Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 28 day  
of Nov A. D. 1964  
at 11:20 o'clock A.M.

Attest my hand and the seal of  
said County  
Frank Brueckert  
County Clerk & Recorder

By \_\_\_\_\_ Deputy

Fees \$ \_\_\_\_\_

Official Copy - Please Destroy - 2024

ALION BOARD  
ADWATER CODE  
TANA

FRY T RAS  
Luz of Well  
Groundwater

(Not a stamp)

Set of which describe  
or survey, etc. Show  
the different strata  
at  Indication  
of dip, strata or other  
as they appear on office

NOV 28 1964

157809

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

21/28

File No. 198 Lots 1 and 2 of Block K being a portion of Lots 1 and 2 of Section 21 and T. 7 R. 17 East  
DUPLICATE Lots 1 and 2 of Section 28, all County Carbon  
in Tw p. 7 South, Range 17 East.

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

MONTANA WATER RESOURCES BOARD  
RECEIVED  
JAN 23 1968

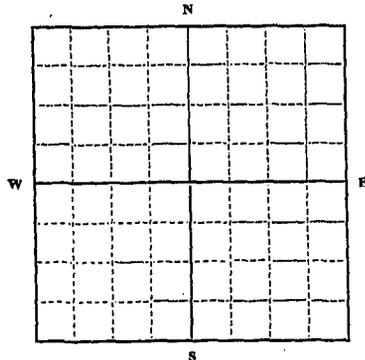
Date of Appropriation of Groundwater Feb. 27, 1937  
Owner D. E. & Ethel A. Lee Address P. O. Box 95, Billings, Montana.

Contractor (if any) None

Address of Contractor

Date Started 1929 Date Completed Spring - 1937.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug out spring - Curbed and piped it - about 125 feet Northwest of Cabin location.



..... 1/4 ..... Sec. .... T. .... R. ....  
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. Being used during entire year - sufficient water to supply Cabin use.

Signature of Owner Ethel A. Lee

Date August 19, 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.

43,447

#198

STATE OF MONTANA, }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 30 day  
of August A. D. 19 63  
at 11:30 o'clock A. M.

Attest my hand and the seal of  
said County.

Frank Sanchez  
Clerk and Recorder

By \_\_\_\_\_ Deputy

Fees \$ 2.00

File No. 1200

T 75 R 17E 28

DUPLICATE

County CARBON

JAN 26 1968

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)



Top of Ground  
1st 4' Top Soil  
(Elev. above sea level)

Next 7' Boulders

Water Rises 11' From Surface

Next 5' Boulders & Sand

Next 6' Boulders & Sand

Next 9' Boulders, Sand & Fine Gravel

Well Drilled To A Depth of 31'

Owner: Joe Bonawitz Address: 4028 2nd Ave. South Billings, Mont  
Driller: Malvin F. Ellis Address: 4028 2nd Ave. South Billings, Mont

Date of Notice of Appropriation of Groundwater: \_\_\_\_\_  
Date well started: JUNE 1, 1967 Date Completed: JUNE 5, 1967

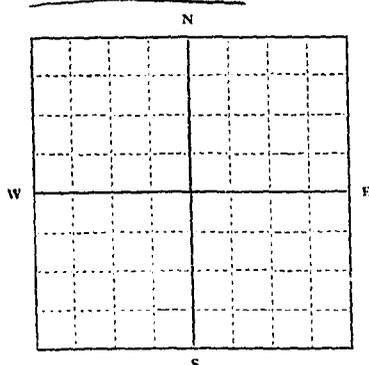
Type of well: Drilled Equipment Used: Drill  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 7/8" Hole	6" I.D. Casing	Top of Well	To Bottom 31'			

East Parked Lake Association being a portion of lots 192 Section 21 and lots 193 of Section 28.



1/4 Sec. T. R.  
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 \_\_\_\_\_ feet.  
Shut-in Pressure for Flowing Well \_\_\_\_\_  
Pumping Water Level 11' feet at 12 gal. per minute.  
Discharge in gal. per min. of flowing well \_\_\_\_\_  
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) \_\_\_\_\_

Joe Bonawitz  
546 AVE C  
Billings Montana  
165  
Driller's License Number  
Malvin F. Ellis  
Driller's Signature

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

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

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

42,844

# 1200 170078

STATE OF MONTANA }  
COUNTY OF CARBON } SS:

I, \_\_\_\_\_, Clerk and Recorder

do hereby certify that the within

Appropriation was filed

for record in my office this 27 day

of July A. D. 1967

at 2:30 o'clock P. M.

Attest my hand and seal of  
said County

Frank Sawicki  
Clerk and Recorder

By \_\_\_\_\_ Deputy

Fees \$ \_\_\_\_\_

GW3

File No. 1103

T. 7S R. 17E

DUPLICATE

County CARBON

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

NOTED  
JAN 26 1965

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

(Under Chapter 237 Montana Session Laws, 1961)

Mailing address:  
1315 W. Park St.  
Butte, Montana

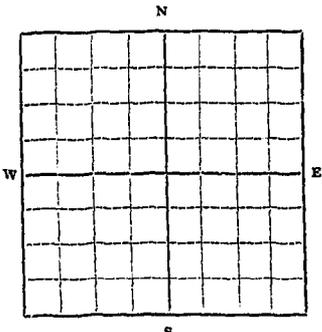
Date of Appropriation of Groundwater August 20, 1965

Owner Edwin G. Koch Address East Rosabud Lake  
&/or Ruth M. Koch Roscoe, Montana  
Contractor (if any) (Self)

Address of Contractor .....

Date Started July 15, 1964 Date Completed Aug. 17, 1964

Describe means of obtaining groundwater, without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Developed two (2) small springs by excavation (approx. three feet) and connecting to previous water supply ditch, catch basin and pipe system. Water is for domestic use.



SE 1/4 NW Sec. 28 T. 7S R. 17E

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. Estimated quantity developed is about 12 gpm. Supply ditch is shut off in winter and used during spring, summer and fall.

Signature of Owner Edwin G. Koch  
Ruth M. Koch  
Date August 20, 1965

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.

#1103 164637

STATE OF MONTANA }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 1 day  
of Sept A. D. 19 65  
at 11:45 o'clock A. M.

Attest my hand and the seal of  
said County  
Frank Danielek  
Clark and Recorder

By \_\_\_\_\_ Deputy

Page 8 2.00

File No. 1175

T 7S R 17E

DUPLICATE

County Carbon

LOG

JAN 30 1968

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)

Top of Ground  
(Elev. above sea level.....)  
0-10 Sand  
14-15 Sand & Rocks  
15-17 Sand & Burned Timber  
17-24 Sand & Gravel  
24-37 Clean Gravel  
& Sand.

Owner Carl Cranston Address Billings, Mont.

Driller B & H Drilling Address Fruitland, Mont.

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

Date well started 6/29/66 Date completed 7/1/66

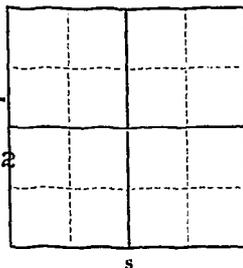
Type of well Drilled Equipment used Churn Drill  
(Aug, Driven, bored or drilled) (Churn drill, rotary or other)

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 Dev. Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 inch</u>	<u>6 5/8</u> <u>17#</u> <u>NEW</u>	<u>1+</u>	<u>37</u>	<u>Torch</u> <u>Cuts</u> <u>1/2 x 6</u>	<u>30</u>	<u>36</u>

The well is located in the approximate center of Lots 8 and 9 of Block F of the and belonging to East Rosebud Lake Assoc., being a portion of Lots 1 and 2 of Section 21 and Lots 1 and 2 of Section 28, all in T7S, R17E, Carbon County, Montana



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

Shut-in Pressure for Flowing Well 1.06

Pumping Water Level 20 feet at 3.0 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Test Pump 1 Gal Pump

Length of Test 3 hrs

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

.....1/4..... Sec..... T..... R.....  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

37 ft.

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.

NO 27  
Driller's License Number

Paul L. Hungary  
Driller's Signature

42,948

#1175

167942

STATE OF MONTANA )  
COUNTY OF CARBON ) SS.

I, Frank Danichek, County Clerk & Recorder:

I hereby certify that the within  
Water filing was filed  
in my office this 6 day  
of Oct. A. D. 1966  
at 11:15 o'clock A.M.

Witness my hand and the seal of  
said County  
FRANK DANICHEK, COUNTY CLERK

Joseph J. Zuppa, Deputy  
County Clerk  
200 pd.



2

File No. 1027

T. 7 R. 18

TRIPLICATE

County CARBON

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 297 Montana Session Laws, 1961)

RECORDED  
JAN 26 1969

Date of Appropriation of Groundwater Feb 11, 1964

Owner William H. Betty, Esq. Address 1112 Ave E, Billings

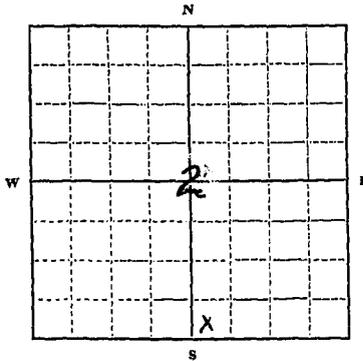
Contractor (if any) None

Address of Contractor None

Date Started 2/11/64 Date Completed 2/11/64

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

free flowing



SW 1/4 SE Sec. 2 T. 7. R. 18

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.

15 gal/minute

CONTINUOUS

Signature of Owner William H. Betty

Date 2/11/64

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.

43,083

File No. 1027

T. 7 R. 18

TRIPLICATE

County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

RECORDED  
JAN 36 1969

Date of Appropriation of Groundwater Feb 11, 1964

Owner William H. Petty, Esq. Address 1112 Ave E, Billings

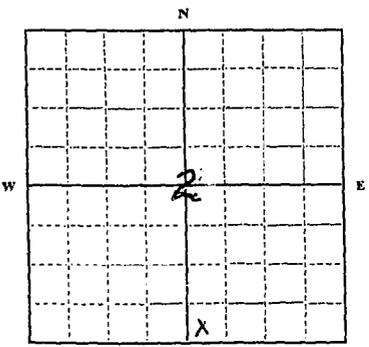
Contractor (if any) None

Address of Contractor None

Date Started 2/11/64 Date Completed 2/11/64

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

free flowing



SW 1/4 SE Sec. 2 T. 7. R. 18

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.

15 gpm/minute

continuous

Signature of Owner [Signature]

Date 2/11/64

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.

41027

160092

STATE OF MONTANA, }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within

Water filing was filed  
for record in my office this 11 day  
of Feb. A. D. 1964  
at 4:15 o'clock P. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK

*Clerk and Recorder*

By Leroy A. Zupan Deputy

Fees 2.00 pd.

File No. 602

T. 7 R. 18

DUPLICATE UNIFORM WATER RESOURCES

County Carbon

**RECEIVED**

STATE OF MONTANA  
MINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater Appropriation**

(Under Chapter 207 Montana Statutes, Laws, 1961)

Date of Appropriation of Groundwater 1913

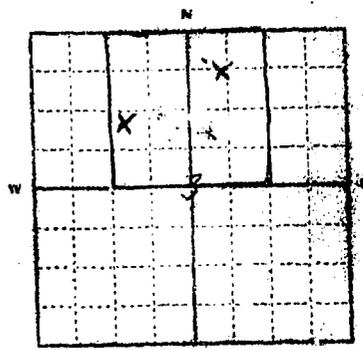
Owner Dorothy C Burns Address Box 7 Red Lodge Mont

Contractor (if any) None

Address of Contractor None

Date Started 1913 Date Completed 1913

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



N 4 24 Sec 3 T 7 R 18

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 amount of periods of use  
2 gal minute

continuous use

Signature of Owner Dorothy C. Burns

Date 12-30-63

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.

File No. 602

T. 7 R. 18

DUPLICATE ONTARIO WATER RESOURCES BOARD

County Carbon

**RECEIVED**

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

**Notice of Completion of Groundwater Appropriation**

(Under Chapter 10, Montana Statutes, 1951)

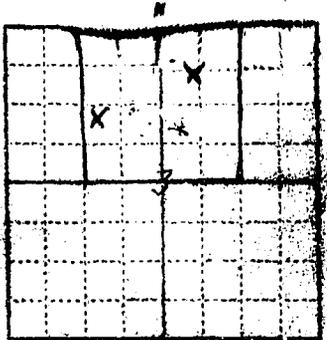
Date of Appropriation of Groundwater 1913  
Owner Dorothy C. Burns Address Box 7 Red Lodge Mont

Contractor (if any) None

Address of Completion one

Date of Completion 1973

Depth of well Completed  
meter without a well "as by laws". Include depth to water 7 to 10 mg



N 1/4 Sec. 3 T. 7 R. 18

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

Quantity of water developed, together with explanation of method used to estimate or determine such quantity. If use is intermittent

estimate approximate amount of quantity of use 2 gal minute

Continuous use

Signature of Owner Dorothy C. Burns

Date 12-30-63

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

Three copies of this notice are to be filed in 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; Triuplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

#602

159293

STATE OF MONTANA, }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 30 day  
of Dec A. D. 19 63  
at 3:30 o'clock P. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder

By Oliver E. Davies Deputy

Fees \$ 2.00

File No. 1026

T. 7 R. 18

TRIPPLICATE

County CARBON

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

RECORDED  
JAN 26 1964

Date of Appropriation of Groundwater Feb. 11/1964

Owner William - Betty Eaton Address 1112 Ave E, Billings

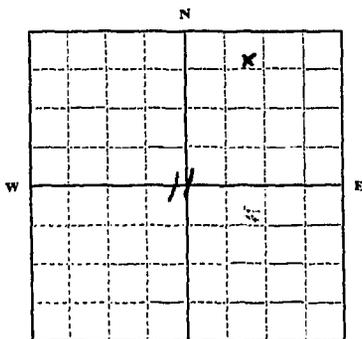
Contractor (if any) None

Address of Contractor None

Date Started 2/11/64 Date Completed 2/11/64

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

Free flowing Spring



NW 1/4 NE Sec. 11 T. 7 R. 18

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.

15 gal/min.

Continuous use

Signature of Owner William Eaton

Date 2/11/64

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.

#1026

160091

STATES OF MONTANA, }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Water filing was filed  
for record in my office this 11 day  
of Feb. A. D. 19 64  
at 4:10 o'clock P. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK  
Clerk and Recorder

By Tony A. Zupan Deputy

Fees \$ 2.00 pd.



GW 3

Approved Stock Form—State Publish. Helena, Montana—42262

File No. 787

E R 19 E  
Carlson

DUPLICATE

RECEIVED

JAN 26 1963  
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CONTROL  
OFFICE OF STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

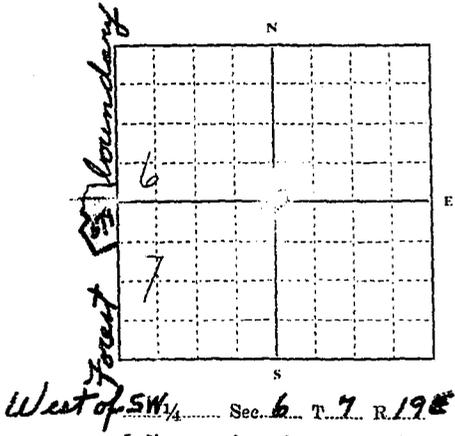
Date of Appropriation of Groundwater July 9 1963  
Owner Crawin J. Clark Address Luther mont  
Contractor (if any) \_\_\_\_\_  
Address of Contractor \_\_\_\_\_  
Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

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

free flowing spring

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 stock water three summer months



West of SW 1/4 Sec. 6 T. 7 R. 19 E  
Indicate point of appropriation and place of use, if possible.

Signature of Owner Crawin J. Clark  
Date Dec 28 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.

H787

159195

STATE OF MONTANA, }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Water filing was filed  
for record in my office this 31 day  
of Dec. A. D. 1963  
at 4:12 o'clock P. M.

Attest my hand and the seal of  
said County  
FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder

By Tommy J. Zupans Deputy

Fees \$ 2.00 pd.

File No.....

T. 7 S. R. 19 E.

DUPLICATE

County..... Carbon

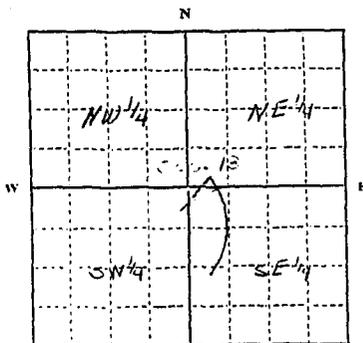
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater..... March 12, 1970.  
Owner RICHARD POPELKA Address 832 Lake Elmo Road,  
Billings, Montana  
Contractor (if any)..... None  
Address of Contractor..... None  
Date Started March 12, 1970 Date Completed May 6, 1970



SW 1/4 NE 1/4 and SE 1/4  
W 1/2 SE 1/4 Sec. 13 T. 7S. R. 19E

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

- 1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)... Spring, seepage, and winter runoff from an unnamed coulees, said water to be accumulated in dam to be built.
- 2) Means of withdrawing water (gravity, pump, canal, etc.)... Gravity or pump.
- 3) Depth of water table... 3 feet.
- 4) Use of the water... Irrigation and stock water.
- 5) Amount of groundwater claimed (in miner's inches, or gallons per minute)... 100 miner's inches.
- 6) If used for irrigation, give number of acres and description of land... 120 acres in the Southwest Quarter of the Northeast Quarter (SW 1/4 NE 1/4) and the West Half of the Southeast Quarter (W 1/2 SE 1/4) of Section 13, Township 7 South, Range 19 East, M.P.M.
- 7) Estimate amount of water used each year... 100 inches for period of three months and lesser amounts for stock water year round.

Signature of Owner..... Richard Popelka

Date..... May 6, 1970.

Doc. No. 178417  
Filed for record  
this 12th day of May  
A. D. 1970, at 3:00  
o'clock P. M.

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.

#1272

178417

STATE OF MONTANA,  
COUNTY OF CARBON } SS.  
Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 12th day  
of May A. D. 19 70  
at 3:00 o'clock P M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK

Clk. & Recorder

Alic E. Beavers Deputy

Exec. 2<sup>nd</sup>

GROUNDWATER INDEX

County   Carbon   Twp.   7-2   Rge.   20-E  

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
21	<del>Pyker, Robert A. Helen A.</del> Mrs. Fichte & Duke	<del>GW 3</del> GW 4	<del>159375</del> 159249	
2	John Cornelio	GW 2	159230	
2	Lucia Cornelio	GW 2	159231	
2+11	Peter M. & Emma E. Klessens	GW 2	159640	
3	Arthur Luoma	GW 3	159216	
3	Arthur Luoma	GW 4	159385	
3	Arthur Luoma	GW 2	159386	
7	John E. Powers	GW 4	159570	
8	John E. Powers	GW 4	159569	
9	John E. Powers	GW 4	159568	
8	Joseph L. & Rose Evers	GW 2	159441	
9	Donald Waples	GW 3	185556	
10	Saima Lantta	GW 2	159512	
10	Saima Lantta	GW 4	159513	
11	Paul Pabst	GW 4	159200	
11	Paul Pabst	GW 2	159199	
12	John D. & Alta Kelly	GW 4	159373	
12	John D. & Alta Kelly	GW 2	159372	
13	Oscar O. Alvo	GW 4	159774	
13	Oscar O. Alvo	GW 4	159773	
14	Lloyd R. Sanquist	GW 4	158247	
14	Mike L. Schink	GW 4	156607	
15	Pat & Matti Kungas	GW 4	159029	
15	Jess T. & Anne E. Bunnis	GW 2	159090	
16	D. L. Papez	GW 3	176615	
16	Joe Papez	GW 3	176241	
17	Dr. Jim Kane	GW 3	170641	
18	Paul & Joseph S. Maen	GW 4	159376	
21	J. M. Frank	GW 3	167315	
21	<del>FRANK, J. M.</del>	<del>GW 3</del>	<del>159597</del>	
21	John H. & Cathie F. Frank	GW 4	156464	
22	Donald Earl Meyer	GW 3	184703	
22	Donald Earl Meyer	GW 1	184324	
22	Castagne Bros. Inc.	GW 4	159031	
22	Castagne Bros. Inc.	GW 2	159162	
22	Walter Woodley, Sr.	GW 2	159457	
22	Robert W. & Nancy Robinson Mary Swicker	GW 2	159653	
22	L. E. & Mary E. Kenovan	GW 2	159413	
23	Ralph H. Young	GW 4	159603	
26	400 Ranch, Inc.	GW 2	159662	
27	Toivo S. & Uinma M. Rintala	GW 4	159598	
27	Mike P. & Helen T. Studul	GW 3	173585	
27	Toivo S. & Uinma M. Rintala	GW 2	159600	
27	Paul Duke	GW 2	159234	
27	Charles B. Hildy	GW 2	152792	
28	Jake Fox	GW 4	159151	

County Carbon Twp. 7-5 Rge. 20-E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
28	Boira & Urmaw Rintala	GW2	159599	
28	Castagne Bros. Inc.	GW2	159163	
29	John Kivitz	GW2	159527	
29	John Kivitz	GW2	159528	
31	Joe Stringeri	GW4	159371	
31	U.S. Forest Service	WATER WELL LOGS	1961	
32	John Woods	WATER WELL LOGS	1960	
32	Archie Uap	WATER WELL LOGS	1960	
32	Subeda	WATER WELL LOGS	1960	
32	Mr. Paul Palati	WATER WELL LOGS	1960	
32	Dr. Moshledge	WATER WELL LOGS	1960	
32	Lawson	WATER WELL LOGS	1960	
32	Woody Johnson	WATER WELL LOGS	1961	
32	Priggly Peak Mountain Homes Inc.	WATER WELL LOGS	1960	
32	Priggly Peak Homes Inc.	WATER WELL LOGS	1960	
32	Mrs. Harold Hanson	WATER WELL LOGS	1960	
32	Widrich	WATER WELL LOGS	1960	
32	Vincent Carpenter	WATER WELL LOGS	1961	
32	Mr. Lyman Rowster	WATER WELL LOGS	1961	
32	Rev John R. Crachett	GW3	170398	
32	Stephen C. Wyr	GW3	183521	
32	Robert Morrison	GW3	161663	
32	Don R. Erickson	GW3	182288	
32	Leon Yankoski	GW4	160088	
32	Leon P. & Lois Washut	GW2	188621	
32	Mr. Paul Earington	GW2	184604	
33	Richard Pilati	GW3	165073	
33	Glacia Jorgenson	GW3	164319	
33	E. S. Kiebert	GW4	159675	
33	Castagne Bros. Inc.	GW4	no file no.	
33	Julius & Leo Pilati	GW2	159443	
34	Benjamin K. Kavan	GW4	159582	
35	Onnie Hymmen	GW2	159462	
35	Onnie Hymmen	GW4	159461	
35	Onnie Hymmen	GW4	159460	
36	Smeltonaart Refractory Coal Company	GW2	No file no.	
34	OLCOTT, EDWARD	GW1	157377	
34	CITY OF RED LODGE	GW4	152665	
34	CITY OF RED LODGE	GW4	159179	
34	OLCOTT EDWARD	GW3	157378	
NLD	BOB PITCHER	GW2	188745	
No#	Sam Joseph Long	GW4	159378	
No.#	Creamery - Jack Alan Bernadale			



JW.3

Approved Stock Form - State Publishing Co., Helena, Montana - 42762

File No. 683

T. 7 R. 20

ORIGINAL  
Duplicate

County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1953)

RECEIVED  
JAN 26 1968

Date of Appropriation of Groundwater #1 1895, 783 1910

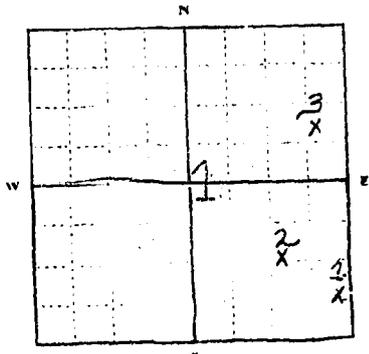
Owner Pinberton, Robert M & Helen A. Address 7125 2nd Harding

Contractor (if any) None

Address of Contractor None

Date Started Same as above Date Completed Same as above

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural Springs #1 is pipe to house for domestic purposes and for stock and irrigation



1/4 Sec. 1 T. 7 R. 20 E.  
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
- 1. SESE 1 7-20, 400 per day, continuous
  - 2. NESE 1 7-20, 500 per day, continuous
  - 3. SESE 1 7-20, 500 per day, continuous

Signature of Owner [Signature]

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.

43,566

#683

159375

STATE OF MONTANA }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 31 day  
of Dec A. D. 1963  
at 9:10 o'clock A. M.

Attest my hand and the seal of  
said County  
FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder  
By Alice E. Graves Deputy

Fees \$ 2.00

GW 2

File No. 44

T. 7 S. R. 20 E.

DUPLICATE

County Carbon

STATE OF MONTANA RECEIVED  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  
MAY 24 1962

Top of Ground TOP Soil 1-2 1/2'  
(Elev. above sea level.....)

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

(Under Chapter 237, Montana Session Laws, 1961)

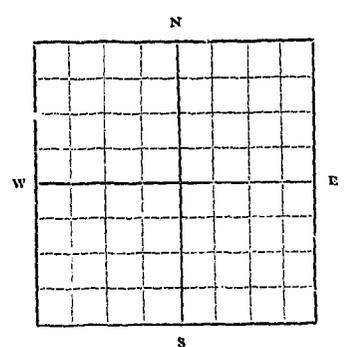
Owner Mrs. June Duke Address Red Lodge, Mont.  
Driller B & G Drilling Address Fishtail, Mont.  
Rocks & Gravel 2 1/2'  
Sand & Gravel 27'-37'

Date of Notice of Appropriation of Groundwater .....  
Date well started 9/6/62 Date Completed 9/10/62  
Type of well Drilled Equipment Used Churn Drill  
(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)
<u>6 in</u>	<u>6 in 19#</u>	<u>0</u>	<u>37</u>			



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

Show exact depth of bottom.  
37 ft Deep

Static Water Level for non-flowing Well. 22 feet.  
Shut-in Pressure for Flowing Well .....  
Pumping Water Level. 30 feet at 35 gal. per minute.  
Discharge in gal. per min. of flowing well .....  
How Tested. Bailer Length of Test. 2 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) .....

No 37  
Driller's License Number  
Paul L. Haugan  
Driller's Signature

This form to be prepared by driller. Three copies to be filed by the owner with the County Clerk in the county in which the well is located.  
Please answer all questions. If not applicable, state, otherwise the form will be returned.  
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School District and Quadruplicate for the Appropriator.

#44

154698

COUNTY OF CARBON SS.

Office of the County Clerk & Recorder

I hereby certify that the within

Water Appropriation was filed

for 17 day

of Sept. 1962

at 2:45 P.

my hand and the seal of  
said County

Frank Danielek  
Clerk and Recorder

By \_\_\_\_\_ Deputy

Fees \$ 2.00

GW2

File No. 47

T. 7S R. 20E

DUPLICATE

County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER

RECEIVED  
MAY 24 1963

Top of Ground 0'-3' TOPSAIL

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

(Under Chapter 237, Montana Session Laws, 1961)

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

3'-15' Sand Gravel

15'-20' Brown Clay

20'-25' Grey Shale

25'-36' Sandy Shale

Owner Adolph Bassett Address Paul #2

Driller B & H Drilling Address Fishtail, Mont

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

Date well started 11/29/62 Date Completed 10/31/62

Type of well Drilled Equipment used Churn Drill  
(dug, driven, bored or drilled) (hand, rotary or other)

Water Use: Domestic  Industrial  Municipal  Stock  Irrigation   
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, and 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 in	1 1/2"	1+	20 1/2			
	6 in					
	5 in	7-	36	Shale Lined	24	27

Static Water Level for non-flowing Well 10 feet.

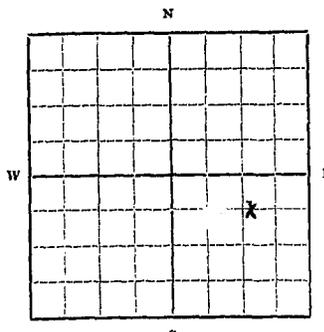
Shut-in Pressure for Flowing Well .....

Pumping Water Level 18 at 30 gal. per minute.

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

How Tested Bailed Length of Test 1 Hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well and any other similar pertinent information, including number of acres irrigated, if used for irrigation) .....



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

Show exact depth of bottom.

36 ft

Paul J. Haugan  
Driller's License Number  
14027  
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.

4480

#47

155384

STATE OF ILLINOIS }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 29<sup>th</sup> day  
of November A. D. 1962  
at 1:30 o'clock P.M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder

Tommy J. Zupan Deputy

Fees \$ 200 pd.