

W 3

File No. ....

DUPLICATE

T 1 N R 29 E

County Yellowstone

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 1967

Owner DK Harford Ranch Address Ballantine, Mont.

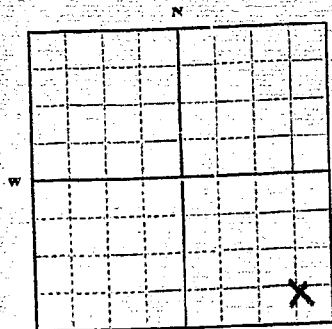
Contractor (if any) not known

Address of Contractor not known

Date Started not known Date Completed not known

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

Flows natural flow



SE 1/4 SE Sec 23 T1N R29E

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

watering 40 cows/w calves

for a period of 12 months

937392  
June 25, 1973  
8:14 AM

Signature of Owner DK Harford Ranch  
by Ernest H. Smith  
Date June 18, 1973

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.

53,920

937382

STATE OF MONTANA,

County of Yellowstone,

Plat No. 100, Section 34, T. 1 N., R. 1 E.,

this 25th day of June, 1973,

at 8:14 P.M.

MEERBOLD A. HENDON

County Clerk of said order

By Deputy Deputy

24

RECEIVED

File No. ....

T 1 N R 29 E

DUPLICATE

County yellowstone

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... 1967

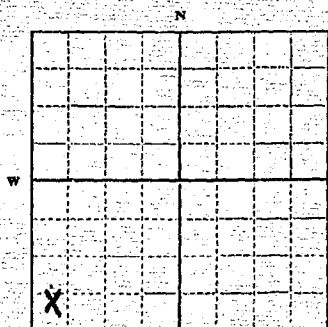
Owner... D.K. Hensford Ranch address... Ballantine Mont

Contractor (if any) ... not known

Address of Contractor ... not known

Date Started... not known Date Completed... not known

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



SW 1/4 Sec 23 T 1 N R 29 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.

Watering 40 cows / w calves  
for a period of 12 months

937390  
June 25, 1973  
8 12 A.M.

Signature of Owner... D.K. Hensford Ranch  
by [Signature] June 18, 1973

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.

53,918

937390

STATE OF MONTANA }  
County of Yellowstone }

FILED FOR RECORD IN THE Office of the

DATE JUN 25 1973

BY J. L. [Signature] Clerk

County Clerk of Records

BY [Signature] Deputy

1 24

File No. ....

DUPLICATE

T. 1 N. R. 99 E.

County Yellowstone

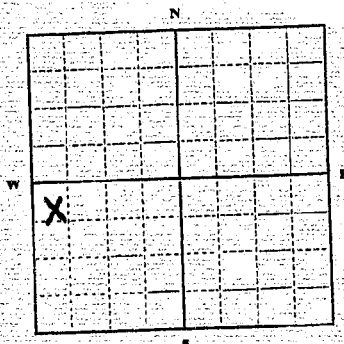
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1967  
Owner Ok Hereford Ranch Address Ballantine Mont.  
Contractor (if any) not known  
Address of Contractor not known  
Date Started not known Date Completed not known

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



NW 1/4 SW Sec 23 T. 1 N. R. 99 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.

Watering 40 cows / w calves  
for a period of 12 months

937388  
June 25, 1973  
8:10 A.M.

Signature of Owner

Ok Hereford Ranch  
by [Signature]  
Date June 18, 1973

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.

53,940

937388

STATE OF MONTANA }  
County of Yellowstone, } ss.

This instrument was filed in my office  
this 25 day of July 1973.

at 7:10 o'clock P.M.

LEONARD E. ALFORD  
County Clerk & Recorder

By [Signature] Deputy

24

File No. ....

T. 1 N. R. 29 E

DUPLICATE

County Yellow Stone

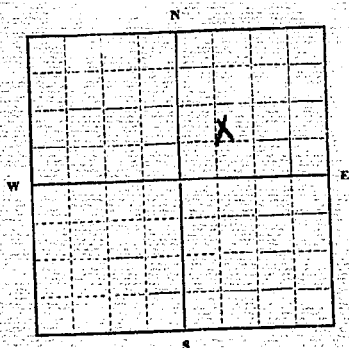
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1967  
Owner OK Hartford Ranch Address Ballantine, Mont.  
Contractor (if any) NOT KNOWN  
Address of Contractor NOT KNOWN  
Date Started NOT KNOWN Date Completed NOT KNOWN

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes" Include depth to water when applicable Box in spring, Flows  
NATURAL FLOW.



NE 1/4 SW Sec 23, T. 1 N. R. 29 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

Watering 40 cows / w calves  
For a period of 12 months

937385

8078m.

June 25, 1973

Signature of Owner

OK Hartford Ranch  
by [Signature]  
Date June 18, 1973

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.

937385

JUN 25 1973  
8:07 A  
BY *[Signature]*  
gao



53,615

[illegible]

STATE OF MONTANA }  
County of Blaine } ss.  
This is to certify that \_\_\_\_\_  
JUN 18 1971 \_\_\_\_\_ office  
\_\_\_\_\_ 18 \_\_\_\_\_ ss.  
\_\_\_\_\_ Deputy  
2ce

July 7 1964

County Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner FRANCIS CHARLES

Address Baillontine

ADRI

Date well started Feb 11 1957

completed Feb 11 1957

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Charn Drill

(Churn drill, rotary or other

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

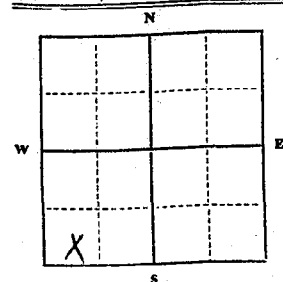
### ★ Describe

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

and Addition).

ESTIMATED ANNUAL WITHDRAWAL .....

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	6"	Ground To 35'				



Static water level 15 ft.\*  
Pumping water level 10 ft.\*  
at 10 gallons per minute,  
measured 60 minutes after pumping  
began.

\*Measured from ground level.  
Well developed by PUMP  
for 3 hours.

Power Electric Pump 2 1/2 HP

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

5.11.14 5.14.14 Sec... 2.6.

T. 1 N R. 29 E

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

Driller's Signature NOT KNOWN

Driller's Address NOT KNOWN

LICENSE NO.....

### DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

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

[illegible]

Show exact depth of bottom

53614

936726

STATE OF MONTANA

County of Yellowstone

This instrument is filed for record in the office of the Clerk of the County of Yellowstone, Montana, this 18 day of JUN 1973.

Paul Deputy

2a

File No.

TRIPLICATE

T. 14 N. R. 37 E. MPM

County YELLOWSTONE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

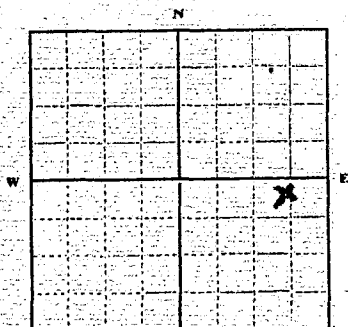
Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

958216  
6-29-73  
8974.111

Date of Appropriation of Groundwater 1940  
Owner DAVE STOCKER JR. Address 4740 Lincoln Rd.  
Contractor (if any) NONE  
Address of Contractor NONE  
Date Started NONE Date Completed NONE

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



Section 36 T. 14 N. R. 37 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.

WATER 20 COWS 12 MONTHS PER YEAR

Signature of Owner

David Stocker Jr.

Date 6-28-73

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; Triuplicate to the Montana Bureau of Mines and Geology and Quadruplicate to the Appropriator.

938216

STATE OF MONTANA, }  
County of Yellowstone, } ss.  
This instrument was filed in my office  
this JUN 29 1973 day of 19  
at 8:57 o'clock A M.  
MERRILL A. KLUNDT  
County Clerk & Recorder  
By CBB Deputy

*h.24*

File No. ....

T. 1N R. 29E MPM

TRIPLICATE

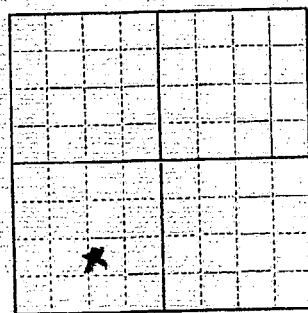
County YELLOWSTONE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

RECEIVED  
(Under Chapter 237 Montana Session Laws, 1961)

958217  
6-29-73  
858 A.M.



SW 1/4 Sec 28 T. 1N R. 29E

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

Date of Appropriation of Groundwater 1940

Owner DANE STOKTON JR. Address 4760 Rimick Rd

Contractor (if any) NONE

Address of Contractor NONE

Date Started NONE Date Completed NONE

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

WATER Holes

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.

WATER 50 COWS 12  
MONTHS PER YEAR

Signature of Owner

Date 6-28-73

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.

938217

MONTANA }  
County of Yellowstone }  
I, \_\_\_\_\_, Clerk of the County of Yellowstone, do hereby certify that \_\_\_\_\_  
JUN 29 1979  
8:56 a.m. P.M.  
RECORDED & INDEXED  
Clerk of the County of Yellowstone  
By \_\_\_\_\_ Deputy  
Bao



File No. ....

MONTANA WATER RESOURCES BOARD

IN 29E

T. .... R. ....

RECEIVED

Yellowstone

DUPLICATE

County. ....

SEP 24 1970

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 State of Montana Address Helena, MontanaDriller Clyde Sando Address 1552 Dickie Rd., Rt. # 2  
Billings, Montana

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

Date well started 8-23-69 Date Completed 8-29-69Type of well Drilled Equipment Used Cable  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☒Doc. No. 868371

Filed for record

This 22 day of SeptemberA. D. 19 70, at 3:00o'clock P.M.

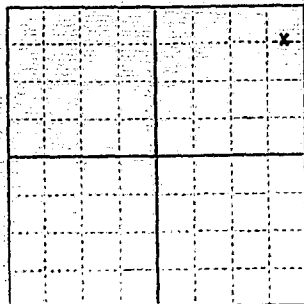
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

95 ft

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	8" 6"	0 54	54 80	3/8" rnd hole	120	130

Water at  
110 ft

130 ft., bottom

NE 1/4 Sec. 29 IN 29E

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

Static Water Level for non-flowing Well 105 feet.

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

Pumping Water Level. .... feet at 10 gal. per minute.

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

How Tested Bailed Length of Test One hour

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

Show exact depth of bottom.

2

NOTE: THIS NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL IS BEING FILED TO REPLACE ONE FILED UNDER DOC. # 847809, on September 10, 1969 @ 11:10 under the name of WALLACE MILAM, WHICH SHOULD BE FILED UNDER THE NAME OF THE STATE OF MONTANA

Driller's License Number

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.

868371

STATE OF MONTANA, ss.  
County of Yellowstone.  
This instrument is filed in my office  
this 22 day of SEP 22 1970 to  
at 3.00 o'clock P.M.  
MICHAEL L. BLUNDE  
County Clerk & Recorder  
By C. W. Deputy  
202

File No. \_\_\_\_\_

QUADRUPLICATE

T 1 N R 29 E

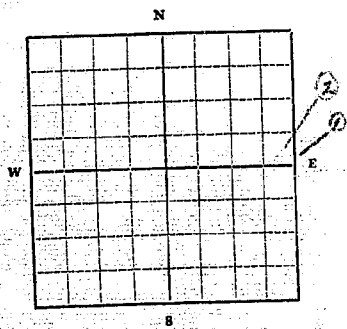
County Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 21, Montana Session Laws, 1965)

1. Lyle Egnell, of Billings Box 849  
(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:



S.E. 1/4 NE 1/4 Sec 30 T1N R29E  
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 Home water & water for garden
3. Date or approximate date of earliest beneficial use, and how continuous the use has been 1952 used slowly on both wells
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 16 gal per minute  
10 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Garden only
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand pump on both wells, one well by hand one well by pump & garden

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started about Oct. 1, 1952 Completed about Oct. 15, 1952
8. The depth of water table \_\_\_\_\_
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 8" hole, 136 ft deep  
8" hole, 76 ft deep
10. The estimated amount of groundwater withdrawn each year 12,000 gal @ 4000 gal
11. The log of formations encountered in the drilling of each well if available Soil, clay, gravel  
blue shale, shale
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Lyle Egnell

Date 9.8.62

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

847617

PLATON 400 HERRING

MINI'S GROUNDWATER PUMP AND HOLE IN PLATON 400

PLATON 400 HERRING

PLATON 400 HERRING

PLATON 400 HERRING

STATE OF MONTANA } ss.  
County of Yellowstone }  
This instrument was filed in my office  
this SEP 8 day of 1969  
at 9:30 A.M.  
BY MISS M. L. HENDT  
County Clerk & Recorder  
Deputy

MONTANA WATER RESOURCES BOARD

RECEIVED

SEP 9 1969

GW

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

File No. \_\_\_\_\_

Lot 3 T. 1 N. R. 29 E

DUPLICATE

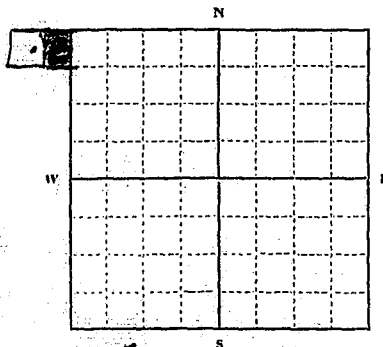
County Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963  
STATE ENGINEER

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

1. T. Floyd Cooper, of Box 78, Planty  
(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:



Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.  
Lot III  
Sec 31 T. 1 N. R. 29 E

2. The beneficial use on which the claim is based  
stock water, irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
1918 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
15 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  
1 acre garden  
Floyd Cooper
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
unknown
8. The depth of water table  
18 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.  
dry well 4' x 25' concrete wall
10. The estimated amount of groundwater withdrawn each year  
unknown 985 500 gal
11. The log of formations encountered in the drilling of each well if available  
unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
none

Signature of Owner T. Floyd CooperDate Dec 30 1963

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

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

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

16278

721295

STATE OF MONTANA, )  
County of Yellowstone, ) ss. :

This instrument was filed in my office  
this 25 day of DEC 30 1963  
at 2:56 o'clock P M.

Edmund S. Redding,  
County Clerk & Recorder

By JL Deputy

200

File No. ....

DUPLICATE

Lot 3

T. 1 N. R. 29 E.

County Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

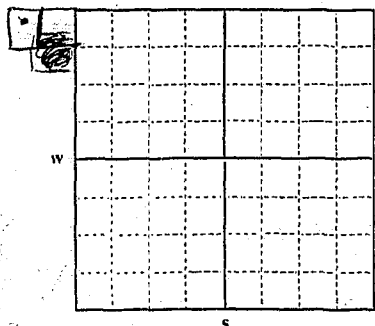
RECEIVED  
DEC 30 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. T. Floyd Cooper (Name of Appropriator) of Box 18 (Address) Huntley (Town)  
County of Yellowstone State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 3 Sec. 31 T. 1 N R. 29 E  
Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

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

Household use and lawn

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

1948  
continuous use

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

10 Gal Per Min  
not known

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.

Lawn

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

electric pump

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

1948

8. The depth of water table.

30 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

drilled 100 ft 6" casing

10. The estimated amount of groundwater withdrawn each year.

360,000 gal

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

unknown

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

noneSignature of Owner T. Floyd CooperDate Dec 30, 1963

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

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

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

16279

721296

STATE OF MONTANA, )  
County of Yellowstone, )

This instrument was filed in my office

this DEC 30 1963 day of DEC 30 1963 19

at 2:52 o'clock P. M. |

Edmon S. Redding,  
County Clerk & Recorder

J L Deputy

200



File No. ....

T. 1 N. R. 29 E., P.M., M.

DUPLICATE

County Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

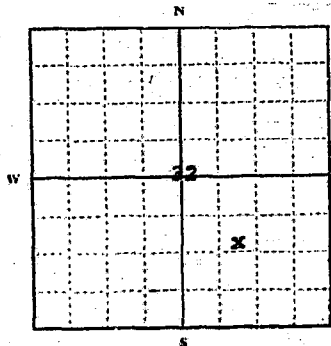
STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1925Owner DANIEL SCHAAK Address Billings, Mont.Contractor (if any) NoneAddress of Contractor NoneDate Started None Date Completed None

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. These springs are used for stock water. The groundwater is obtained by sub-irrigation and by other natural processes.



SE. 1/4 Sec. 32 T. 1 N. R. 29 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. It is

estimated that these springs run 10  
gallons a minute each year.

Signature of Owner BY: DANIEL SCHAAK

Accepted in Fact

Date December 30, 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.

721787

STATE OF MONTANA  
County of Yellowstone

This instrument recorded in my office  
this DEC 31 1963 1963

at 4 33 M.

Edna S. H. Ing,  
County Clerk & Recorder

By JA Deputy

V 3

File No. ....

DUPLICATE

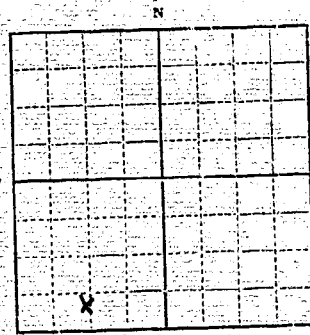
T.1N R. 29 E  
County Yellowstone

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 Spring 1961  
Owner Frances Shauls Address Ballantine, MONT.  
Contractor (if any) NOT KNOWN  
Address of Contractor UNKNOWN  
Date Started UNKNOWN Date Completed UNKNOWN



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. THIS IS A DAM FILLED WITH RUN OFF FROM RAIN AND SNOW.

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.

SW 1/4 Sec. 35 T.1N R. 29 E  
Indicate point of appropriation and place of use, if possible.

Approx. 200,000 gallons used per year

937380  
June 26, 1973  
802 A.M.

Signature of Owner Frances Shauls

Date June 13, 1973

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.

33,951

937380

STATE OF MONTANA } ss.  
County of \_\_\_\_\_  
This is to certify that \_\_\_\_\_  
is the \_\_\_\_\_ of \_\_\_\_\_  
By \_\_\_\_\_ Deputy  
24

File No. ....

DUPLICATE

T 1 N R 29 E

County Yellowstone

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 Fall 1962

Owner Francis Shauls Address Dallantine, MONT.

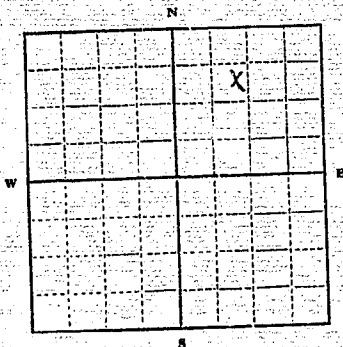
Contractor (if any) Self

Address of Contractor Dallantine, MONT.

Date Started Fall 1962 Date Completed Fall 1962

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

TANK



NW 1/4 NE 1/4 Sec. 36 T1N R29E

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

937382

June 25, 1973

8:04 A.M.

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 6 gallons

per minute

Signature of Owner

Francis Shauls

Date June 13, 1973

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.

937382

STATE OF MONTANA, } ss.  
County of Yellowstone, }  
This instrument was filed in my office  
this JUN 25 1973 at 8:04 o'clock A M.  
by GERALD E. KLUNDT  
County Clerk & Recorder  
By CBH Deputy

7200

## GROUNDWATER INDEX

Page 1 of 1

County Yellowstone Twp. 15 Rge. 23E

[illegible]

Form No. 18  
8-60

T. 1 South R. 23 E  
County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

RECEIVED  
JAN 2 1962

STATE ENGINEER

X		

Owner Ray E. Michels Address Laurel, Montana

Driller L. E. Anderson Address \_\_\_\_\_

Date Started drilled in 1952 Date Completed only information

Location Sec. 3 T. 1 South R. 23 E 1/4 Sec. North West

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

Water use Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing: 20 ft. to \_\_\_\_\_ ft. Type 40 lb. Black Size 6 inch

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 unknown

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

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

Pumping water level unknown feet. at \_\_\_\_\_ gal. per min.

How tested: Sub. pump

Length of test 3 hours

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

Total depth 85 Feet



STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner

Address

Date well started

completed

Type of well

Equipment used

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

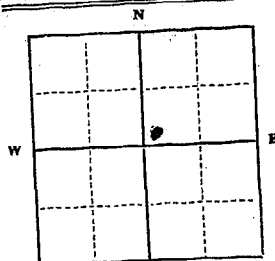
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6"	1	180	1/4	140	180



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

Driller's Signature

Driller's Address

LICENSE NO.

RECEIVED

JUL 3 1973

County

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

From (Feet)

To (Feet)

0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600	610	620	630	640	650	660	670	680	690	700	710	720	730	740	750	760	770	780	790	800	810	820	830	840	850	860	870	880	890	900	910	920	930	940	950	960	970	980	990	1000
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Static water level 90 ft.\*  
Pumping water level 90 ft.\*  
at 3.0 gallons per minute,  
measured 12.2 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by Bentonite  
for 2 hours.  
Power Pump 3/4 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

180 Show exact depth of bottom

55069

938510

STATE OF MONTANA ss.  
County of Yellowstone  
This instrument was filed in my office  
this JUN 29 day of 1973 19  
at 3:22 o'clock P M.  
MERRILL H. KLUNDT  
County Recorder  
By LR Deputy

2.00

Form No. 18  
8-60

T. 1 South R. 23E  
County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1962

WATER WELL LOG

STATE ENGINEER

X		

Owner Ray E. Michels Address Laurel, Montana

Driller Ray E. Michels Address Laurel, Montana

Date Started April 10, 1959 Date Completed April 21, 1959

Location: Sec 15 T. 1 South R. 23E Sec. Northwest

Type of well drilled Equipment used churn drill  
(Dig, driven, or cased) (Cable tool, rotary, other)

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

Casing: 12 ft. to      ft. Type 60 lb. Galv. Size 8 inch

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: 60 feet.

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

Pumping water level 60 feet. at 20 gal. per min.

How tested: Machine Baler

Length of test 3 hours

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

Total depth 79 Feet

Form No. 18  
8-60

T. 1 South R. 23 E  
County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1962

WATER WELL LOG

X		

Owner Ray E. Michels Address Laurel, Mont.  
Driller Ray E. Michels Address Laurel, Mont.  
Date Started June 15, 1959 Date Completed June 20, 1959  
Location: Sec. 15 T. 1 South R. 23 E Sec. South West

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

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

Casing: 90 ft. to      ft. Type 20 lb. Galv. Size 6 inch  
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: 60 feet.

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

Pumping water level 60 feet. at 20 gal. per min.

How tested: Machine Baler

Length of test 2 hours

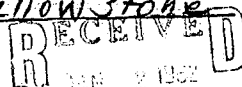
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Total 1159 Feet  
depth

Form No. 18  
8-60

T. 1 South R. 23E  
County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana



WATER WELL LOG

STATE ENGINEER


Owner Ray E. Michels Address Laurel, Mont.

Driller Ray E. Michels Address Laurel, Mont.

Date Started October 14 1960 Date Completed October 21 1960

Location: Sec. 15 T. 1 South R. 23E Sec. North West

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

Water use Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing: 25 ft. to \_\_\_\_\_ Type 40 lb. Galv. Size 8 inch

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: 90 feet.

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

Pumping water level 90 feet. at 40 gal. per min.

How tested: Machine Baler

Length of test 3 hours

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

Total depth 167 Feet



338514

STATE OF MONTANA ss.  
County of Yellowstone  
This instrument was filed in the office  
this JUN 29 1978 19  
at 342 o'clock P M.  
MERRILL H. KLUNDY  
County Recorder  
By JK Deputy

\$200





Show exact depth of bottom

9-25-16

STATE OF MONTANA  
County of Yellowstone } ss.  
This instrument was filed in my office  
this 28th day of Sept 1916  
at 2:41 o'clock P. M.  
MERRILL H. KLUNDT  
County Recorder  
By LH Deputy

200

500510  
988513

STATE OF MONTANA ) ss.  
County of Yellowstone )  
This instrument was filed in my office  
this 20 day of April 1973  
at 2:41 o'clock P M.  
MERRILL H. KLUNDY  
County Recorder  
By LR Deputy

2.00

RECEIVED

County Yellowstone

JUL 3 1973

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.

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Roy E. Michel

Address PO Box 421

Lawrence Montana

Date well started

completed Jan 1970

Type of well

Equipment used Churn

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

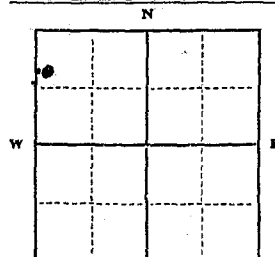
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 20	1	150	15	130	150



NW 1/4 Sec. 15  
T. 1 N. R. 33 E.  
S W

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

Driller's Signature Roy E. Michel

Driller's Address PO Box 421

Lawrence Mont

LICENSE NO. 41

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
1	10	Soil
10	15	Shale
15	150	Water level about 130

Static water level 90 ft.\*  
Pumping water level 90 ft.\*  
at 30 gallons per minute,  
measured 2 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by Boiler  
for 2 hours.  
Power 1 Pump 1 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

150 Show exact depth of bottom

55066

RECEIVED County Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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.

(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.

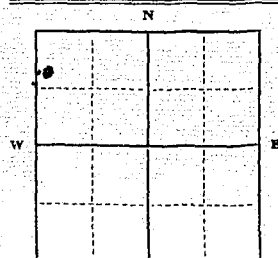
Owner Ray E. Michels  
Address PO Box 421  
 Laurel Montana  
Date well started \_\_\_\_\_  
completed June 1970  
Type of well drilled  
(Dug, driven, bored or drilled)  
Equipment used Churn  
(Churn drill, rotary or other)  
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
6"	6" 20'	1	150	Kind Sec From (Feet) To (Feet)
				K 130 150



NW 1/4 Sec. 15  
T. 1 N R. 3 E  
S

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

Driller's Signature Ray E. Michels  
Driller's Address PO Box 421  
 Laurel Mont LICENSE NO. 441

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
1	70
10	120
150	

150 Show exact depth of bottom

938511

STATE OF MONTANA, ss.  
County of Yellowstone  
This instrument was filed in my office  
this JUN 28, 1973 day of 19  
at 3:38 o'clock P M.  
MERRILL H. KLUNDT  
County Recorder  
By [Signature] Deputy

2.00

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

RECEIVED

County Yellowstone

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.

(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.

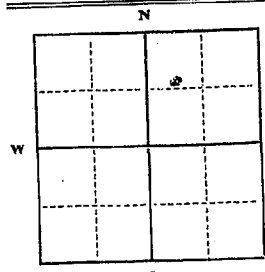
Owner Roy E. McIlwain  
Address 201 Box 421  
Lead Montana  
Date well started Jan 1971  
completed Jan 1971  
Type of well Drilled  
(Dug, driven, bored or drilled)  
Equipment used Churn  
(Churn drill, rotary or other)  
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☒  
Industrial ☐ Drainage ☐ Other ☐ \* Garden/Lawn ☒

For Administrator's Use  
File 938512  
6-29-75  
GW 1 3:40 pm

\*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). 400 head - 12 water

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
<u>6</u>	<u>2946</u>	<u>1</u>	<u>30</u>	<u>more</u>



NW NE  
T. 1 N. R. 2 S. E. 15

Static water level 8 ft.\*  
Pumping water level 8 ft.\*  
at 13 gallons per minute,  
measured 13 minutes after pumping began.  
\*Measured from ground level.  
Well developed by Bauer  
for 3 hours.  
Power 1 Pump 1 HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature Roy E. McIlwain  
Driller's Address Lead Montana  
LICENSE NO. 41

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
<u>0</u>	<u>10</u>	<u>Gravel</u>
<u>10</u>	<u>20</u>	<u>Sand</u>
<u>20</u>	<u>30</u>	<u>Gravel</u>

30 Show exact depth of bottom

500512  
938512

STATE OF MONTANA } ss.  
County of Yellowstone }  
This instrument was filed in my office  
this 24 day of 1973 19\_\_  
at 346 o'clock P M.  
MERRILL H. KLUNDT  
County Recorder  
By LK Deputy

2.00



T. 1 South R. 23E  
County Yellowstone

RECEIVED  
JAN 2 1962

STATE ENGINEER

Owner Ray E. Michels Address Laurel, Montana  
Driller Ray E. Michels Address Laurel, Montana  
Date Started October 10, 1961 Date Completed October 15, 1961  
Location: Sec. 21 T. South R. 28E 1/2 Sec. Southwest

Water use      Domestic ☐      Municipal ☐      Stock ☒      Irrigation ☐  
                  Industrial ☐      Drainage ☐      Other \_\_\_\_\_

Casing:      ft. to      ft. Type      Size       
Casing: 0 ft. to 130 ft. Type 20 lb Gal PH<sup>11</sup> Size 6 inch  
Casing: 130 ft to 159 ft. Type 20 lb Gal P<sup>15</sup> Size 6 inch  
Perforated or screened      ft.      -to ft.      Ft.      to      Ft.     

Type of screen or perforations \_\_\_\_\_

Static water level, for non-flowing well: 130 feet.

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

Pumping water level 130 feet. at 30 gal. per.min.           

How tested: Machine Baler

Length of test 2 hours

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

Total depth 159 Feet

T. 15 R. 23E  
County YELLOWSTONE

RECEIVED  
JAN 9 1962

STATE ENGINEER

X			

Location: Sec. 22 1/2 R. 23E 1/2 Ser. SOUTHWEST

TOTAL DEPTH 360 Feet

Form No. 18  
8-60

T. 15 R. 23E  
County YELLOWSTONE

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1962

WATER WELL LOG

STATE ENGINEER

X			

Owner RAY E. MICHELS Address LAUREL, MONT

Driller L. E. ANDERSON Address \_\_\_\_\_

Date Started DRILLED IN 1952 Date of completion ONLY INFORMATION

Location: Sec 22 T 15 R 23E Sec. NORTHWEST

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

Water use Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing: 20 ft. to \_\_\_\_\_ ft. Type 4 1/2 LB BLACK Size 6 INCH

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: 50 feet.

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

Pumping water level: 50 feet. at 15 \_\_\_\_\_

How tested: SUB. Pump

Length of test 1 Hour

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

TOTAL DEPTH 59 FEET

File No.....

T.....R..... 23E.

ORIGINAL

County.. **Yellowstone**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

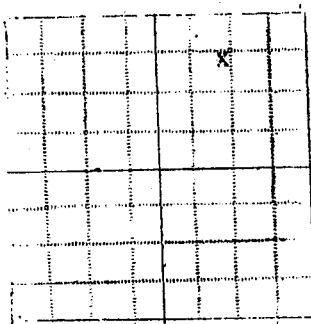
DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws 1961)

RECEIVED  
JAN 2 1964

STATE ENGINEER

1. (Name of Appropriator) **Jake W. Kukas**, of (Address) **Laurel** (Town)

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



**NB1** - **Sec 25 T. 1 S. R. 23 E.**  
Indicate point of appropriation  
and place of use, if possible.  
Each small square represents  
10 acres.

2. The beneficial use on which the claim is based  
-----  
**dug spring - livestock**
3. Date or approximate date of earliest beneficial  
use; and how continuous the use has been -----  
**since homesteaded - dug out**  
-----  
**improved 1949 - continuous**
4. The amount of groundwater claimed (in miner's  
inches or gallons per minute) -----  
**20 gallons**
5. If used for irrigation, give the acreage and  
description of the lands to which water has been  
applied and name of the owner thereof -----  
**not applicable**
6. The means of withdrawing such water from the  
ground and the location of each well or other  
means of withdrawal -----  
**flowing**
7. The date of commencement and completion of the construction of the well, wells,  
or other works for withdrawal of groundwater -----  
**dug spring**
8. The depth of water table -----  
**8 feet**
9. So far as it may be available, the type, size and depth of each well or the gen-  
eral specifications of any other works for the withdrawal of groundwater -----  
**piped - flowing**
10. The estimated amount of groundwater withdrawn each year- **10,512,000 gallons**
11. The log of formations encountered in the drilling of each well if available  
-----  
**sandstone**
12. Such other information of a similar nature as may be useful in carrying out the  
policy of this act, including reference to book and page of any county record -----  
**used since homesteaded - known as Upper Allard Springs**  
-----  
**re-dug improved 1949**

Signature of Owner- **Jake W. Kukas**  
Date- **December 31, 1963**

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

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

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

721568

STATE OF MONTANA,  
County of Yellowstone,

This instrument was filed for record on  
DEC 31 1957

Book 11.13 Page 1

Witnessed by  
County Clerk of said County

In presence of  
Jard  
20

File No.....

ORIGINAL

IS 23  
T...R...  
**Yellowstone**  
County.....

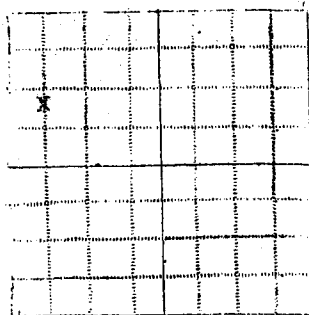
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

RECEIVED  
JAN 2 1964  
STATE ENGINEER

1. Jake W. Kukes, of Laurel  
(Name of Appropriator) (Address) (Town)  
Yellowstone Montana

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



NW 1 29 15 23E.  
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  
dug well - domestic and livestock
3. Date or approximate date of earliest beneficial  
use; and how continuous the use has been -  
1947 - continuous
4. The amount of groundwater claimed (in miner's  
inches) 250 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 applicable thereof -  
not applicable
6. The means of withdrawing such water from the  
ground and the location of each well or other  
means piped to pump

7. The date of commencement and completion of the construction of the well, wells,  
or other works for 1947 - trapped groundwater

18 feet

8. The depth of water table -

9. So far as it may be available, the type, size and depth of each well or the gen-  
eral specifications of any other works for the withdrawal not applicable

11,109,000 gallons

10. The estimated amount of groundwater withdrawn each year -

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

12. Such other information of a similar nature as may be useful in carrying out the  
policy of this act, which was since here stated and page of any county record -

Signature of Owner - Jacob W. Kukes

Date -

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 & Recorder; Duplicate to the State Engineer; Triplicate  
to the Montana Bureau of Mines and Geology, and Quadruplicate for the appropriator

0721570

STATE OF MONTANA,  
County of Yellowstone.  
This instrument was filed in my office  
this 11 day of DEC 31 1963  
at 11:16 o'clock A. M.  
Edmon S. Redding,  
County Clerk & Recorder  
By Jaw Deputy  
70

## GROUNDWATER INDEX

Page 1 of 1

County Yellowstone Twp. 15 Rge. 24E

[illegible]



RECEIVED

File No. \_\_\_\_\_

FEB 29 1972

T. 15 R. 24 E

County Yellowstone

DUPLICATE

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

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 E. D. Orser Address 3304 Rimrock

Driller same Address B. Hings

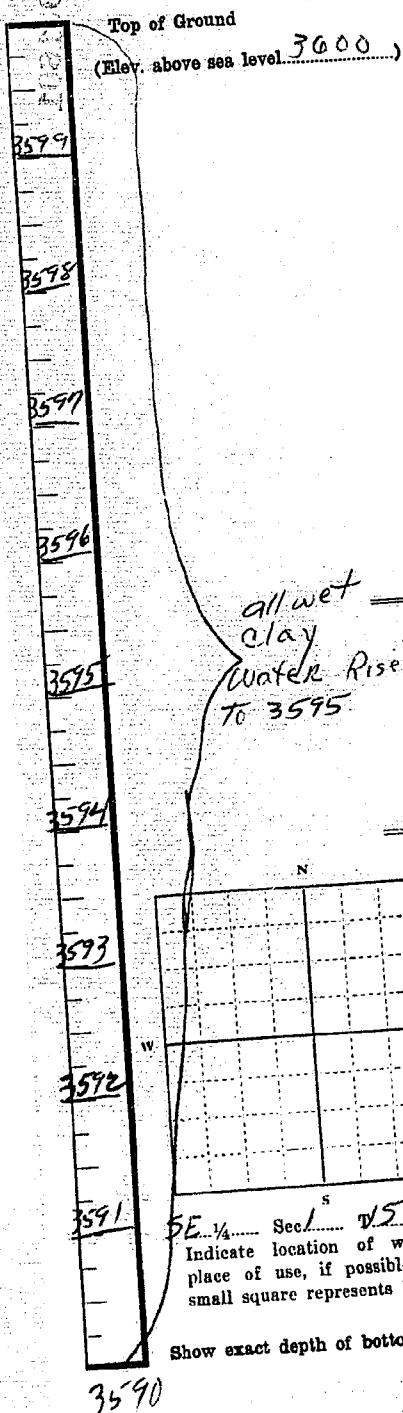
Date of Notice of Appropriation of Groundwater 2-1-72

Date well started 11-1-72 Date Completed 12-1-71

Type of well dug Equipment Used backhoe  
(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)
	16 ga.	3600	3590	1/4"	3592	3590

Static Water Level for non-flowing Well 6 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

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

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

How Tested pump Length of Test 10 min.

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) Gravel

packing

SE 1/4 Sec 1 T. 15 R. 24 E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Doc. No. 901601  
Filed for record this 28th day of February  
A. D. 19 72, at 9:50  
o'clock A.M.

Driller's License Number own  
Driller's Signature E. D. Orser

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.

49,940

901601

STATE OF KANSAS  
County of \_\_\_\_\_  
This is my \_\_\_\_\_  
11 FEB 28 1972  
at 950 \_\_\_\_\_  
\_\_\_\_\_ M.  
\_\_\_\_\_  
By [Signature] Deputy

20

File No. \_\_\_\_\_

DUPLICATE

RECEIVED

FEB 29 1972

T. 15 R. 24 E

County YellowstoneMONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATIONSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 3600)**Notice of Completion of Groundwater  
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Owner E. D. Orser Address 3304 RimrockDriller Same Address BillingsDate of Notice of Appropriation of Groundwater 2-1-72Date well started 11-1-71 Date Completed 12-1-71Doc. No. 901602

Filed for record

this 28th day of FebruaryA. D. 19 72, at 9:52o'clock A. M.Type of well Dug  
(dug, driven, bored or  
drilled)Equipment Used Gackhee  
(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.

*All water chry  
water rises  
to 3595*

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
2 ft.	16 ga.	3600	3590	1/4"	3592	3590

Static Water Level for non-flowing Well 6 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

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

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

How Tested PUMP Length of Test 10 MIN.

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) GravelPacking

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

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

Show exact depth of bottom.

3590

Driller's License Number

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.

49,939

901602

STATE OF MONTANA, } ss.  
County of Yellowstone.  
This instrument was filed in my office  
this FEB 28 1972 day of 19  
at 9:52 o'clock A. M.  
by MERRYL M. KLUNDT  
Clerk of Court & Recorder  
By [Signature] Deputy.

20