

# 942

State of Montana } ss.  
County of Gallatin }

Filed Dec 20, 1963  
at 4 30 o'clock P. M.

W. Brown  
COUNTY CLERK & RECORDER

By Ida T. Morrow  
DEPUTY

Fee \$ 2.00 Pd

File No. ....

DUPLICATE

MONTANA WATER RESOURCES BOARD  
**RECEIVED**

T. S. R. 615

County GREAT FALLS

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JUL 18 1968

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

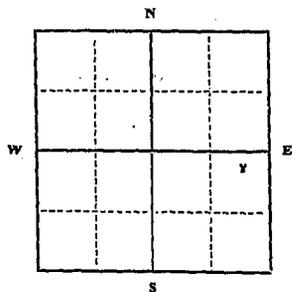
- Top of Ground
- (Elev. above sea level.....)
- 0' - 4' Top soils.
- 4' - 140' Coarse and fine sand and gravel with boulders, and a few small lenses of clays.
- 140' - 186' Claybound sand and gravels.
- 186' - 260' Coarse sand and gravels with some clay lenses. Water in the cleaner lenses of gravels.
- 260' - 282' Same as above but more clay lenses.

Owner Marga Rosacus & Leri Wickes Address Boseman, Mont.  
Driller Van Dyken Drilling Co. Address Boseman, Mont.  
Date of Notice of appropriation of groundwater none  
Date well started May 15/68 Date completed May 25/68  
Type of well Drilled Equipment used Rotary  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)  
Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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

T.D. 282'

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4 1/2" O.D. Plastic 1/2" wall	0	260'	1/8" x 2"	186'	260'



Static Water Level for non-flowing well 70' feet.  
Shut-in Pressure for Flowing Well none  
Pumping Water Level 100' feet  
at 20 gal. per minute.  
Discharge in gal. per min. of flowing well none

How Tested Air lift  
Length of Test 4 Hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Packer on casing @ 175' And bentonite seal from packer to surface. From 260' to 282' the well is Gravel packed with 1/2" gravels.

N.E. 1/4 Sec. 5 T. 25. R. 6 E.  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

LICENSE NO. 1

Driller's License Number

Bob Van Dyken  
Driller's Signature.

44,326



Form No. 18  
8-60

T. 38 R. 6E  
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED

Water Well Log

STATE ENGINEER


Owner Harry Mowen Address Rt 2

Driller Van Dyken Address Bozeman

Date Started 1946 Date Completed 1946

Location: Sec. 5 T. 38 R. 6E  $\frac{1}{4}$  sec. N 1/2 E 1/2 SW 1/4

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: 0 ft. to 56 ft. Type Cast Iron Size 6"

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: 36 feet.

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

Pumping water level 31 feet at \_\_\_\_\_ gal. per min. \_\_\_\_\_

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

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

only shut off is at top of well near water system

(over)

#381

Gallatin County, }  
State of Montana } st.

Filed Dec 29, 1961

at 2:42 o'clock P.M.

Carl Walton  
COUNTY CLERK & RECORDER

By L. A. Maxwell  
DEPUTY

Fee \$ 79.10

File No. ....

T. 38 R. 6E

DUPLICATE

County Gallatin

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)

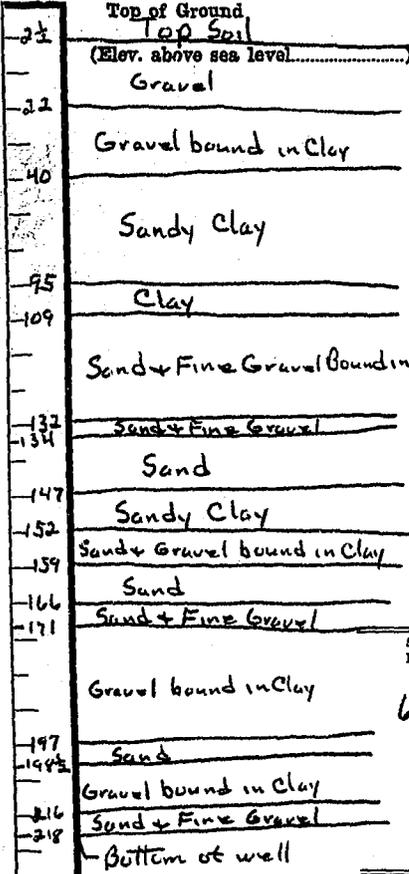
Owner Peggy W. Schaplow Star Rte.  
Milton F. Schaplow Gallatin Gateway, Mont.  
Address 2107 Bridger Dr.  
Driller Donald C. Jones Berkeley, Mont.  
Address Berkeley, Mont.

Date of Notice of Appropriation of Groundwater.....  
Date well started Aug. 31, 1967 Date Completed Oct. 27, 1967

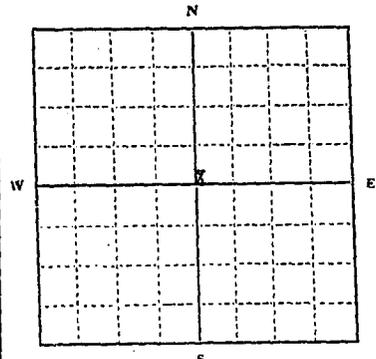
Type of well Drilled Equipment Used Churn Drill  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)

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 5/8" 00 19#	2' above Ground	203'	—	—	—



Section Sec 5 T3S R6E  
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 6.9 feet.  
Shut-in Pressure for Flowing Well.....  
Pumping Water Level 218 feet at 5 gal. per minute.  
Discharge in gal. per min. of flowing well.....  
How Tested Pump Length of Test 4 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).....

17  
Driller's License Number  
Donald C. Jones  
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.

42,783





3149

State of Montana | ss.  
County of Gallatin

Filed Oct 20, 1972

at 9<sup>00</sup> o'clock A.M.

Carl L. Stucky

County Clerk & Recorder

By Alan M. Whitman  
Deputy

Fee \$ 2.00

File No. ....

MONTANA WATER RESOURCES BOARD  
**RECEIVED**

T. 35 R. 6E S. 6

**DUPLICATE**

#1 well

LOG

JAN 20 1969

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

0-5 soil  
5-10 soil gravel  
10-15 Rock & clay  
15-20 clay sand  
20-25 rock & clay  
25-30 sand & water  
30-34 clay  
34-36 sand gravels water  
Bottom of well 33'

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

(Under Chapter 287, Montana Session Laws, 1961)

Owner Helen Nash Address Bozeman

Driller Harold Hulbert Address Rt. 1 Bozeman, Mont.

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

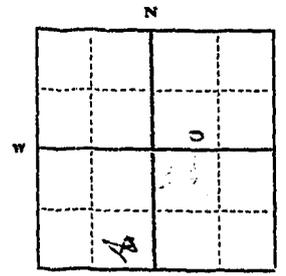
Date well started Dec 28 1968 Date completed Jan 9 1969

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6 5/8 O. D. 19 lb	1 above	32	None		



Static Water Level for non-flowing well 11 feet.

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

Pumping Water Level 18 feet  
at 60 gal. per minute.

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

How Tested Sailer - pump

Length of Test Sailer 2 hrs

Remarks: Gravel packing, cementing, packers, type of shutoff

7N 6 356

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.

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

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

Driller's License Number 47

Driller's Signature Harold B. Hulbert

44,926

81002

State of Montana }  
County of Gallatin } ss.

Filed Jan. 17, 1969  
at 12:47 o'clock P.M.

Carl L. Suck  
County Clerk & Recorder

By Betty Rose Strigg  
Deputy

Fee \$ 2.00 pd.

File No. ....

T. 35 R 6E 6

DUPLICATE well # 2

MONTANA WATER RESOURCES BOARD  
**RECEIVED**

County Gallatin

LOG

JAN 20 1969 STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)  
0-5 soil  
5-10 gravel  
10-15 rock & clay  
15-19 sand & rock  
19-26 clay sand very little water  
26-30 gravel & clay  
30-35 clay  
35-36 gravel & water  
36-40 clay & gravel  
35 bottom of well

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Helena Truck Address .....

Driller Harold Hulbert Address Rt 1 Bozeman, Mont.

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

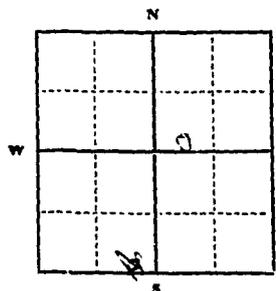
Date well started Jan 9, 1969 Date completed Jan 11, 1969

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	19 lb 6 5/8 O. D.	1 above	35	None		



Static Water Level for non-flowing well ..... 14 feet.

Shut-in Pressure for Flowing Well..... 18

Pumping Water Level..... 18 feet  
at 40 gal. per minute.

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

How Tested Failer & pump

Length of Test Failer 2 hrs

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

712 1/4 Sec. 6 T. 35 R 6 E  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

47

Driller's License Number

Harold B. Hulbert  
Driller's Signature.

44, 926

State of Montana }  
County of Gallatin } ss.

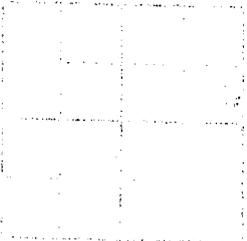
Filed Jan. 17, 1969  
at 12:45 o'clock P. M.

Paul L. Stucky  
County Clerk & Recorder

By Betty Rose Griggs  
Deputy

Fee \$ 3.00 pd.

0217



File No

T. 33 R. 6E S. 7

DUPLICATE

County Gallatin

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

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

0' - 2' Top Soils.

2' - 9' Light Clays.

9' - 19' Yellow clays.  
Wet @ 13'

19' - 86' Claybound sand  
and gravels. With  
some small sand  
lenses, 5 G.P.M.  
@ 33' and 10 G.P.M.  
@ 86'

86' - 95' Coarse gravels and  
fine sand lenses  
claybound. Wet.

95' - 97' Cleaner sand and  
gravels. Water.

T.D. 97'

Owner ANNA FRIDLEY Address BOZEMAN MONTANA

Driller VAN DYKEN DRILLING CO. Address BOZEMAN, MONTANA

Date of Notice of appropriation of groundwater none

Date well started 11/12/69 Date completed 11/28/69

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

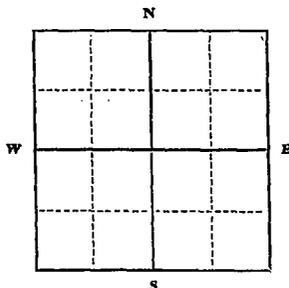
Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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"	6 5/8" O.D. 18# per ft. Tested	0'	96'	none		

MONTANA WATER RESOURCES BOARD  
RECEIVED

DEC 4 1969



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

Shut-in Pressure for Flowing Well none

Pumping Water Level 77' feet  
at 15 gal. per minute.

Discharge in gal. per min. of flowing well  
none

How Tested Bailer

Length of Test 1 Hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Puddled clays  
and cuttings shutoff  
outside off casing from 0'  
to 96'

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

LICENSE NO. 1

Driller's License Number

Bert Van Dyken  
Driller's Signature

Bert Van Dyken H5932



RECEIVED  
JUL 2 1959

T. 3S R. 6E

County Gallatin

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner O. K. Hallam Address Bozeman

Driller M. E. Jones Address Helena

Date Started September 11, 1958 Date Completed September 13 1958

Location: Sec. 14 T. 3S R. 6E 1/4 sec. SE1 SW4

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other:

Casing: surface ft. to 39 ft. Type Std. Pipe Size 6 inch I.D.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. None to ft. Ft. to ft.

Type of screen or perforations None

Static Water level, for non-flowing well: 8 1/2 feet.

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

Pumping water level: 40 feet at 15 gal. per min.

How tested: Bail

Length of test: 1 hour

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

.....  
.....  
.....  
.....



30

File No. ....

T 35 R 6 E

DUPLICATE

County .....

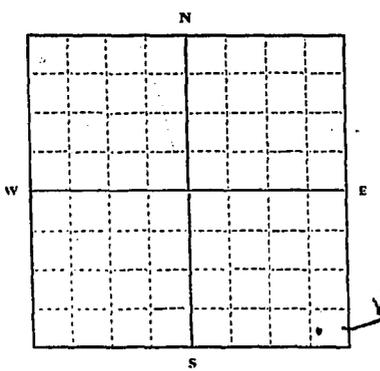
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECORDED  
JAN 16 1964  
STATE ENGINEER  
Boyer

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Jord Brown (Name of Appropriator), of Boyer (Address) County of Hall State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 30 T. 35 R. 6 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 domestic use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1955 has been in steady use since
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) .....
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof used for home water and garden work
- 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.....
- 8. The depth of water table 10 feet from top of ground 50 feet deep
- 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 10 in casing drilled well
- 10. The estimated amount of groundwater withdrawn each year.....
- 11. The log of formations encountered in the drilling of each well if available.....
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner Jord Brown  
Date 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. 36089

1775

State of Montana }  
County of Gallatin } ss.

Filed Dec 31, 1963

at 4:21 o'clock P. M.

Carl H. [Signature]  
COUNTY CLERK & RECORDER

By [Signature] DEPUTY

Fee \$ 2.00

File No. ....

T. 35 R. 1 E

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

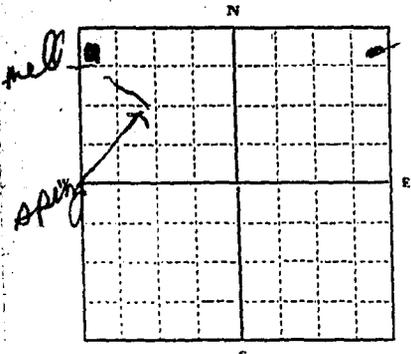
RECEIVED  
JAN 16 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

R P Meyers Jr. of Route #2 Box # 2020 Bozeman  
(Name of Appropriator) (Address) (Town)

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



N. W. 1/4 Sec. 32 T. 35 R. 1 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 domestic water + Stock Water garden water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well was drilled in June 1944 steady flow
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) free flowing spring
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof used with May Sun Stone Water rights
- 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 June 1944

8. The depth of water table 12 feet from top of casing 96 feet deep

9. So far as it may be available, the type, size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled Well 96 feet with a 10 1/2 in casing

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

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

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

Signature of Owner R. P. Meyers Jr.  
Date 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.

36088

1774

State of Montana }  
County of Gallatin } ss.

Filed Dec 31, 1963

at 4:20 o'clock P.M.

Carl Wulian  
COUNTY CLERK & RECORDER

By FA DEPUTY

Fee \$ 200

32

T. \_\_\_\_\_ R. \_\_\_\_\_  
#3 S \_\_\_\_\_ 6 E  
County \_\_\_\_\_

Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
MAY 19 1943

WATER WELL LOG

STATE ENGINEER


Owner: R. P. MYERS Address: \_\_\_\_\_  
 Driller: Van Dyken Address: ROUTE 2  
 Date Started: Nov 1943 Date Completed: Nov 1943  
 Location: Sec 32 T. 3S R. 6E ¼ sec. North West

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

Water use: Domestic  Municipal  Stock  Irrigation   
 Industrial  Drainage  Other: Garden water

Casing: 96 ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size 10 inch  
 Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type steel Size I  
 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: \_\_\_\_\_ feet.

Shut-in pressure, for flowing well: 13 lb./sq. in. on: \_\_\_\_\_ (date)

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

How tested: Thirteen feet from top when pumping

Length of test: \_\_\_\_\_

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

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

(over)

34

T. \_\_\_\_\_ R. \_\_\_\_\_  
County \_\_\_\_\_

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

CATIAVIA  
JAN 8 1962

WATER WELL LOG

STATE ENGINEER


Owner: R. P. MYERS Address: \_\_\_\_\_  
 Driller: Van Dyken Address: ROUTE 5  
 Date Started: Nov 1943 Date Completed: Nov 1943  
 Location: Sec. 32 T. 3S R. 4E 1/4 sec. North West

Type of well: Drilled Equipment Used: Churn Drill  
(Dug, driven, bored, or drilled) ~~Churn Drill~~ (Cased, driven, bored, or drilled)

Water use: Domestic  Municipal  Stock  Irrigation   
 Industrial  Drainage  Other: Garden Water

Casing: 96 ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size 10 inob.  
 Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type Steel Size I  
 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: 13 feet from top of casing feet.

Shut-in pressure, for flowing well: 13 lb./sq. in. on: \_\_\_\_\_ (date)

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

How tested: Thirteen feet f  
from top when pumping

Length of test: \_\_\_\_\_

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

(over)

#478

Gallatin County,  
State of Montana.

38-

Filed Dec 29, 1961

at 3:31 o'clock P.M.

Carl Walton  
COUNTY CLERK & RECORDER

By A. D. Hayward  
DEPUTY

Fee \$ 2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—3908

File No.

LANGOIR CAMPGROUND WELL No. 1

T. 3S R. 6E

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

DEC 10 1963

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

(Under Chapter 237, Montana Session Laws, 1961)

United States of America

Owner: Forest Service Address: Bozeman, Montana

Driller: Van Dyken Drilling Co. Address: Bozeman, Montana

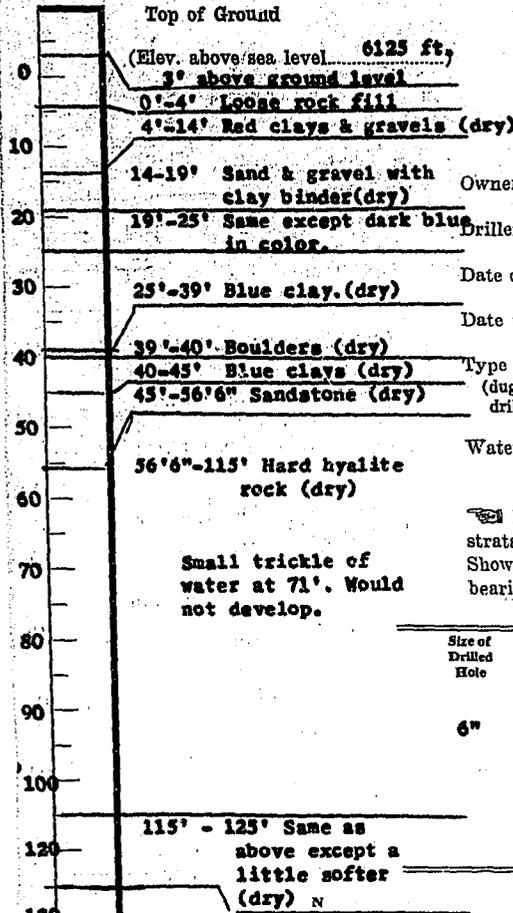
Date of Notice of Appropriation of Groundwater.....

Date well started: 10/5/63 Date Completed: 10/17/63

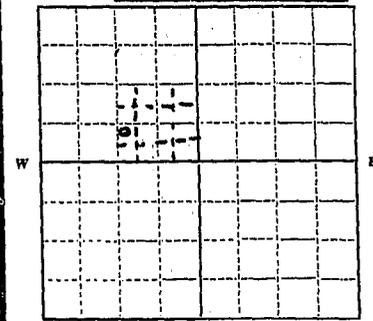
Type of well: Drilled Equipment Used: Churn Drill  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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"	6" - 19lb.	3" above ground surface	58'	N	O	N



WNSW  
SENW 1/4 Sec. 32. T. 3S R. 6E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.  
Total Depth 125'

Static Water Level for non-flowing Well..... 12 feet.

Shallow Pressure for Flowing Well..... N/A

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

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

How Tested: measured only 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)..... N/A

License No. 1  
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.

8285

#816

State of Montana }  
County of Gallatin } ss.  
Filed **December 9** 1963  
at **11:46** o'clock **A.** M.  
**EARL WALTON**  
COUNTY CLERK & RECORDER  
By *James G. O. Mayfield*  
DEPUTY  
Fee \$ **2.00**

32

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

T. 38 R. 68

DUPLICATE

County Galatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 10 1963  
STATE ENGINEER

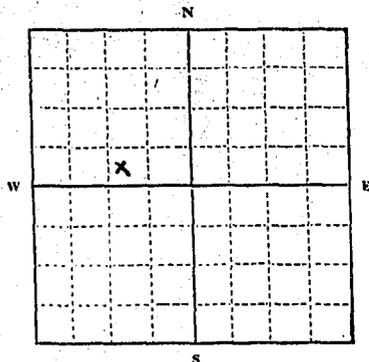
**Notice of Completion of Groundwater Appropriation  
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater..... 1907  
Owner..... United States of America  
(Forest Service) Address..... Bozeman, Montana  
Contractor (if any)..... N/A  
Address of Contractor..... N/A  
Date Started..... 1907 Date Completed..... 1907

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

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.....

Langoor Campground Spring - 170 G.P.M. measured flow, by weir.  
Year round use.

SWISSMONTANA 1/4 Sec. 32 T. 38 R. 68

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

**LANGOOR CAMPGROUND SPRING.**

UNITED STATES OF AMERICA

By: Signature of Owner.....

Date..... December 4, 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.

8288

#820

State of Montana }  
County of Gallatin } ss.

Filed **December 9** 1963  
at **11:50** o'clock **A.** M.

**EARL WALTON**

COUNTY CLERK & RECORDER

By *Earl Walton*

DEPUTY

Fee \$ **2.00**



GW3

File No. ....

DUPLICATE

T. 38 R. 7E 2  
County Gallatin

RECEIVED  
DEC 20 1963

STATE ENGINEER

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 Dec. 18, 1963

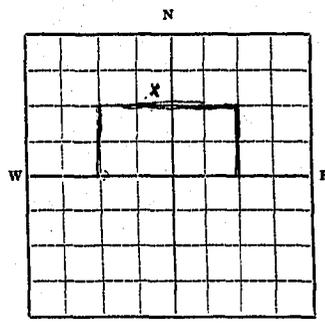
Owner Emil F. Hoell Address Rte. H-2 Bozeman

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. 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

NE 1/4 111 Sec. 2 T. 38 R. 7E 20" Stockwater

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

Signature of Owner Emil F. Hoell

Date Dec. 18, 1963

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

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

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

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

#921

State of Montana }  
County of Gallatin } ss.

Filed December 19, 1963  
at 2:15 o'clock P M.

EARL WALTON

COUNTY CLERK & RECORDER

*Earl Walton*

DEPUTY

Fee \$2.00 pd

File No. ....

T. **35** R. **7E**

**DUPLICATE**

County **Gallatin**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**RECEIVED**  
DEC 10 1963

STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater **1959**  
**United States of America**  
Owner. **(Forest Service)** Address **Bozeman, Montana**

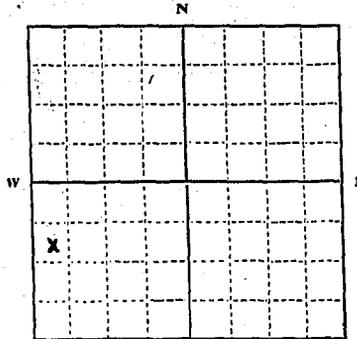
Contractor (if any) **N/A**

Address of Contractor **N/A**

Date Started **1959** Date Completed **1959**

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

**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

**Sec. 10 Spring - 5 G.P.M. - measured flow, and timed.**

**Use Periods: Grazing season, approximately 4 months.**

SW  $\frac{1}{4}$  Sec. **10** T. **35** R. **7E**

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

**SECTION 10 SPRING**

UNITED STATES OF AMERICA  
Signature of Owner. By *[Signature]*

Date **December 4, 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.

#827

State of Montana }  
County of Gallatin } ss.

Filed December 9, 1963

at 11:57 o'clock A. M.

**EARL WALTON**

COUNTY CLERK & RECORDER

By *Levell M. Waples*

DEPUTY

Fee \$ 2.00

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—39318

17

File No. ....

T 3S R 7E

DUPLICATE

County Gallatin

RECEIVED  
DEC 10 1963

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

STATE ENGINEER

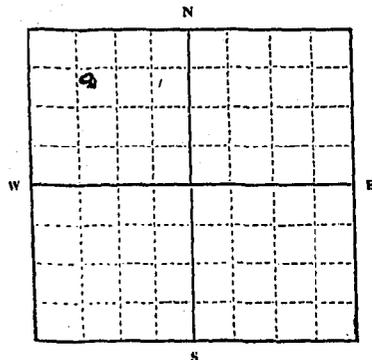
### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1939 By L. J. Pease  
Evan D. and 408 W. Mendenhall  
Owner Rosalyn White Address Bozeman, Montana  
Contractor (if any) N/A  
Address of Contractor N/A  
Date Started 1939 Date Completed 1939

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

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.

Maximum early season flow approximately 4 G.P.M.

Guess - minimum flow measured at 2 G.P.M. November

by timed interval required to fill a gallon container

from available flow.

USE PERIOD: Stock watering & domestic use - 10 months per

Signature of Owner By Evan D. and Rosalyn White

By [Signature] White Date 12-09-63

SENNW 1/4 Sec. 17 T3S R. 7E

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

KINDER'S SPRING

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.

8327

#836

State of Montana }  
County of Gallatin } ss.

Filed **December 9**, 1963  
at **12:15** o'clock **P.**M.

**EARL WALTON**

COUNTY CLERK & RECORDER

By *Levell H. Masfield*

DEPUTY

Fee \$ **2.00**



File No. ....

T. 4 S R. 3 E

DUPLICATE

County Callatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964  
STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater November 1, 1961

James C. & Joan L.

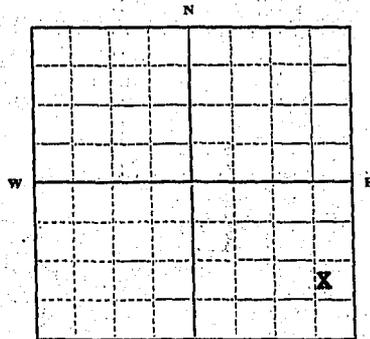
Owner Ray dba Spanish Creek Ranches Address 110 E. Main Street  
Bozeman, Montana

Contractor (if any) None

Address of Contractor None

Date Started N.A. Date Completed N.A.

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



SE 1/4 Sec. 1 T. 4S R. 3E

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. estimate of

10 miner's inches per minute; used 8 months

per year for stock water

Signature of Owner James C. Ray

Date December 26, 1963

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

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

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

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

33481

1350

State of Montana }  
County of Gallatin } ss.  
Filed 12-30 1963  
at 2:18 o'clock P.M.  
Card Nelson  
COUNTY CLERK & RECORDER  
By Alma Fuller  
DEPUTY.  
Fee \$ 2.00

File No. ....

T. 4 S. R. 3 E.

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964  
ENGINEER

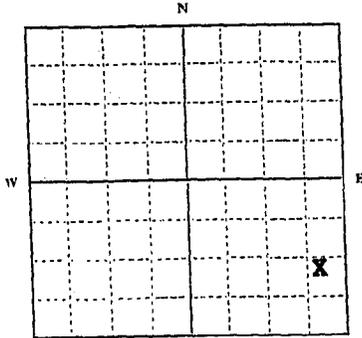
Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater November 1, 1961  
Owner James C. & Joan L. Ray dba Spanish Creek Ranches Address 110 East Main Street Bozeman, Montana  
Contractor (if any) None  
Address of Contractor None

Date Started N. A. Date Completed N. A.

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



SE 1/4 SW 1/4 Sec. 1 T. 4 S. R. 3 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. estimate of 10 miners' inches per minute; used 8 months per year for stock water

Signature of Owner James C. Ray

Date December 26, 1963

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

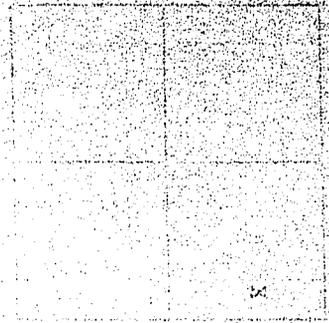
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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

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

1341

State of Montana ) ss.  
 County of Gallatin )  
 Filed 12-30, 1963  
 at 2:03 o'clock P.  
 By Earl Walton  
 COUNTY CLERK & RECORDER  
 By Sherrill Alder  
 DEPUTY  
 Fee \$ 2.00



*[Faint, mostly illegible text, likely bleed-through from the reverse side of the page. Some words like 'COUNTY CLERK' and 'DEPUTY' are partially visible.]*

File No.....

T4 S R 3 E

DUPLICATE

County Callatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964

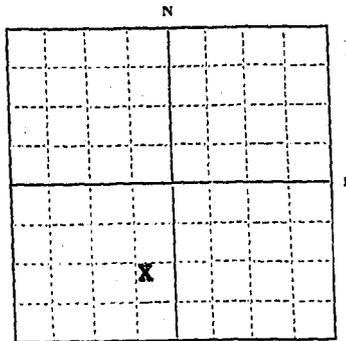
### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater November 1, 1961  
Owner James C. & Joan L. Ray dba Spanish Creek Ranches Address 110 East Main Street Bozeman, Montana  
Contractor (if any) None  
Address of Contractor None

Date Started N. A. Date Completed N. A.

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



SE 1/4 SW 1/4 Sec. 2 T4S R. 3E

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. estimate of 10 miners' inches per minute; continuous use for stock water.

Signature of Owner James C. Ray

Date December 26, 1963

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

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

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

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

1343

State of Montana }  
County of Gallatin } ss.

Filed 12-30 1963

at 2:05 o'clock PM

Carl Walton

COUNTY CLERK & RECORDER

By [Signature]  
DEPUTY

Fee \$ 2.00

2

File No. ....

T 4 S R 3 E

DUPLICATE

County Callatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECORDED  
JAN 16 1964

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater November 1, 1961

James C. & Joan L.

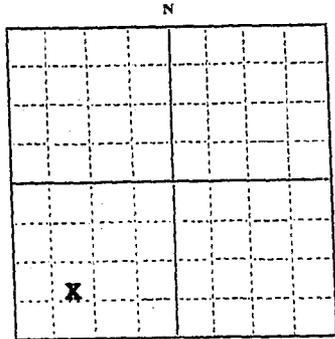
Owner Ray dba Spanish Creek Ranches Address 110 East Main Street Bozeman, Montana

Contractor (if any) None

Address of Contractor None

Date Started N. A. Date Completed N. A.

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



SW 1/4 SW 1/4 Sec. 2 T. 4S. R. 3E.

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 estimate of 10 miners' inches per minute; continuous use for stock water

Signature of Owner James C. Ray

Date December 26, 1963

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

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

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

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

33483

1344

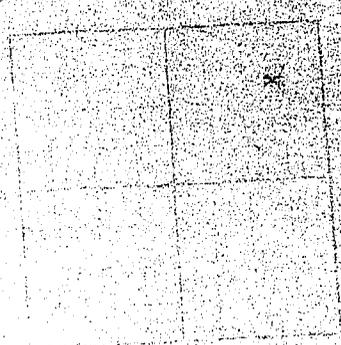
State of Montana ss.  
 County of Gallatin

Filed 12-30, 1963  
 at 2:06 o'clock P.M.

Earl Walton  
 COUNTY CLERK & RECORDER

By Therese Miller  
 DEPUTY

Fee \$ 2.00



*[Faint, mostly illegible text and markings, possibly bleed-through from the reverse side of the page.]*

File No. ....

T 4 S R 3 E

DUPLICATE

County Callatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater November 1, 1961

Owner James C. & Joan L.

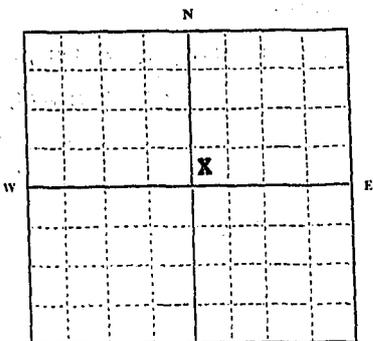
Address 110 East Main Street  
Bozeman, Montana

Contractor (if any) None

Address of Contractor None

Date Started N. A. Date Completed N. A.

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



SW 1/4 NE 2 Sec 2 T 4S R 3E

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 estimate of

10 miners' inches per minute; continuous use for stock water

Signature of Owner James C. Reay

Date December 26, 1963

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

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

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

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

1342

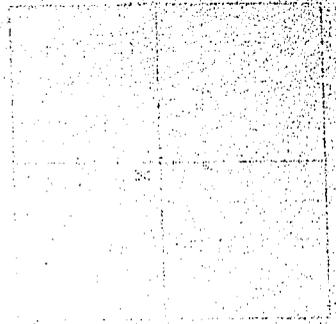
State of Montana }  
County of Gallatin } ss.

Filed 7-27-30 1930  
at 2:04 o'clock P.M.  
Carl Wallen

COUNTY CLERK & RECORDER

By William P. Miller  
DEPUTY

Fee \$ 2.00



*[Faint, illegible text and markings, possibly bleed-through from the reverse side of the page.]*

File No.....

T. 4S R. 3E

DUPLICATE

County Callatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964

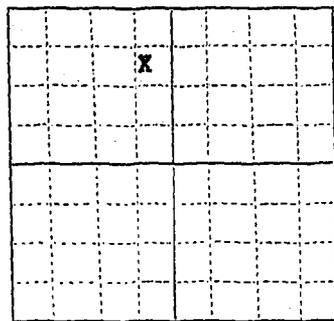
### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater November 1, 1961  
Owner James C. & Joan L. Ray dba Spanish Creek Ranches Address 110 East Main Street Bozeman, Montana  
Contractor (if any) None  
Address of Contractor None

Date Started N. A. Date Completed N. A.

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



NE 1/4 NW 1/4 Sec. 14 T. 4S R. 3E

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 estimate of 70 gal. per minute, continuous use for domestic household and stock water

Signature of Owner James C. Ray

Date December 26, 1963

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

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

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

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

1348

State of Montana )  
County of Gallatin ) ss.  
Filed 12-30, 1963  
at 2:10 o'clock P.  
Carl Walton  
COUNTY CLERK & RECORDER  
By Thelma Fadden  
Fee \$ 2.00 DEPUTY

File No. ....

T 4 S R 3 E

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater November 1, 1961

James C. & Joan L.

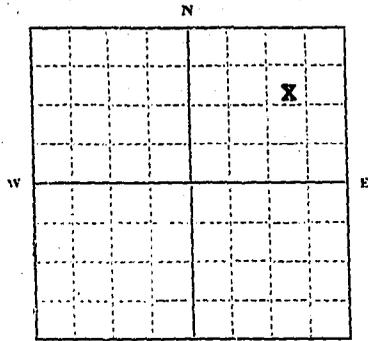
Owner Ray dba Spanish Creek Ranches Address 110 East Main Street Bozeman, Montana

Contractor (if any) None

Address of Contractor None

Date Started N.A. Date Completed N.A.

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



NE 1/4 Sec 14 T4S R3E

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 estimate of

10 miners' inches per minute; used 8 months

per year for stock water

Signature of Owner

*James C. Ray*  
Date December 26, 1963

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

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

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

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

RECEIVED

#1339

RETURN TO SENDER  
UNDELIVERABLE TO ADDRESSEE

State of Nevada )  
 County of Gallatin ) ss.  
 Filed 12/30 1963  
 at 2:01 o'clock P. M.  
**EARL WALTON**  
 COUNTY CLERK & RECORDER  
 By *Shenna Jones*  
 DEPUTY  
 Fee \$ 2.00

OFFICE OF THE COUNTY CLERK & RECORDER  
 COUNTY OF GALLATIN, NEVADA  
 100 WEST WASHINGTON STREET, SPOKANE, IDAHO 83402


Notarially witnessed and signed by the County Clerk or Recorder in the presence of two witnesses on the 30th day of December, 1963.

23

File No.....

T. 4 S. R. 3 E.

DUPLICATE

County: Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964

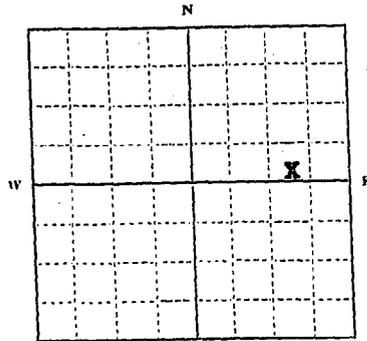
Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater..... November 1, 1961  
Owner James C. & Joan L. Ray dba Spanish Creek Ranches Address 110 East Main Street Bozeman, Montana  
Contractor (if any) None  
Address of Contractor None

Date Started..... N. A. Date Completed..... N. A.

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



SE 1/4 Sec. 23 4S 3E

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. estimate of 10 miners' inches per minute; used 8 months per year for stock water

Signature of Owner..... James C. Ray

Date..... December 26, 1963

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

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

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

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

33486

1347

State of Montana ( ss.  
County of Gallatin )

Filed 12-30, 1963  
at 2:09 o'clock P.M.

Carl Walton  
COUNTY CLERK & RECORDER

By Adrian Fiddes  
DEPUTY

Fee \$ 2.00

24

File No. ....

T. 4 S. R. 3 E

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... November 1, 1961

James C. & Joan L.

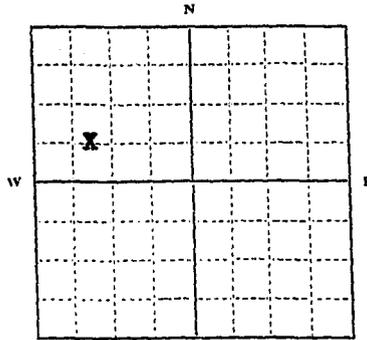
Owner Ray dba Spanish Creek Ranches Address 110 East Main Street Bozeman, Montana

Contractor (if any) None

Address of Contractor None

Date Started... N. A. Date Completed... N. A.

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



SW 1/4 NW 1/4 Sec. 24 T. 4 S. R. 3 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... estimate of

10 miners' inches per minute; used 8 months per year for stock water

Signature of Owner

*James C. Ray*

Date... December 26, 1963

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

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

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

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

33485

1346

State of Montana )  
County of Gallatin ) ss.

Filed 12-30, 1963  
at 2:08 o'clock P.M.

Carl Walton  
COUNTY CLERK & RECORDER

By Theresa Anders  
DEPUTY

Fee \$ 2.00

County Gallatin Twp. 45 Rge. 4E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
7	Spanish Creek Ranches	273	1351	-
18	Spanish Creek Ranches	274	1253	-
18	Spanish Creek Ranches	273	1338	-
19	Edens Donald R. & Edens Jacquelyn	272	582	-
19	Spanish Creek Ranches	273	1345	-
20	First Presbyterian Church	272	2092	-
20	King Len	272	3098	-
28	Jackson Dorothy D. & Jackson O. J.	272	2255	-
28	Trustee of O. W. Trustee for Inheriting Peter	272	2137	-
28	Reck L. O.	272	1923	-
28	Reck L. O.	272	1946	-
29	Chesser Edward M.	272	2297	-
29	Delosse David Jr. & Delosse Veronica C.	272	2304	-
29	King Len and King Marguerite	273	1036	-
29	King Len and King Marguerite	274	552	-
29	Lawyer Phillip M. Et al	272	1922	-
29	Wall Carl E. & Wall Carrie L.	272	1879	-
29	Weiss Henry C. & Weiss Elizabeth	272	2232	-
33	Bender D. J.	57 Well Log	303	-
33	Kellett Harold	272	2192	-
33	Jewins Martha	272	2110	-
33	Kendrick Harold S. Sr. & Kendrick Margaret J.	272	1875	-
33	Kiefer Robert J. & Kiefer L. Marie	272	2062	-
33	Lashow James H.	272	3348	-
33	Lubin Wallace C.	272	2344	-
33	McCrosen Lem W. & McCrosen Margaret	57 Well Log	420	-
33	Sievert Carl	274	754	-
33	Thoson Russell H. and Thoson Catherine L.	57 Well Log	331	-
33	Thoson Russell H. & Thoson Catherine L.	274	332	-
33	Thoson Cresto Juanita	274	559	-



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

T 4 S R 4 E

DUPLICATE

County Gallatin

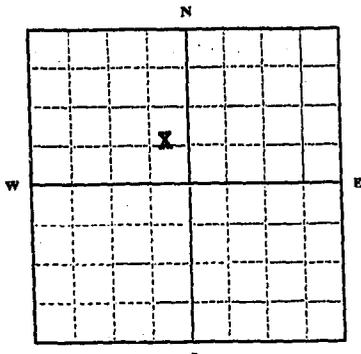
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964  
STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater November 1, 1961  
Owner James C. & Joan L. Ray dba Spanish Creek Ranches Address 110 E. Main Street  
Bozeman, Montana  
Contractor (if any) None  
Address of Contractor None  
Date Started N.A. Date Completed Not Applicable



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

SE 1/4 NW Sec. 7 T4S R4E  
Indicate point of appropriation and place of use, if possible.

10 miner's inches per minute; used 8 months  
per year for stock water

Signature of Owner James C. Ray

Date December 26, 1963

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

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

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

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

1351

State of Montana }  
County of Gallatin } ss.

Filed 12-30, 1903

at 2:13 o'clock P.M.

Conrad Walton  
COUNTY CLERK & RECORDER

By Theresa J. Giddis  
DEPUTY

Fee \$ 2.00

218

File No. ....

T. 4 S R 4 E

DUPLICATE

County Gallatin

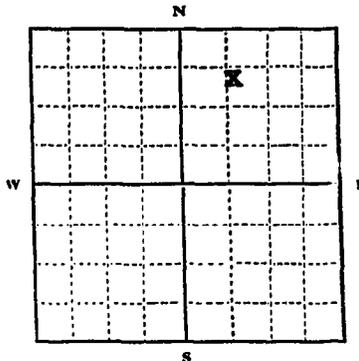
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

James C. & Joan L. Ray dba  
1. Spanish Creek Ranches (Name of Appropriator) of 110 E. Main Street, Bozeman (Address) (Town)  
County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NE Sec. 18 T. 4S R. 4E

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 and drinking water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. (estimated) 1955

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 25 gallons per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Estimate 1946

8. The depth of water table. 75 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. 150 feet deep, 6 inch casing

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

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

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

Signature of Owner James C. Ray  
Date December 26, 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.

33492

1353

State of Montana }  
County of Gallatin } ss.  
Filed 12-30 1963  
At 2:15 o'clock P.M.  
Earl Walton  
COUNTY CLERK & RECORDER  
By Theresa Piddis  
DEPUTY  
Fee \$ 2.00