

17

File No. _____

T. 13 R 7E

DUPLICATE

CORRECTION OF FILE NO. 836

County Gallatin

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

STATE WATER CONSERVATION BOARD

RECEIVED
AUG 23 1965

REFERRED TO _____

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

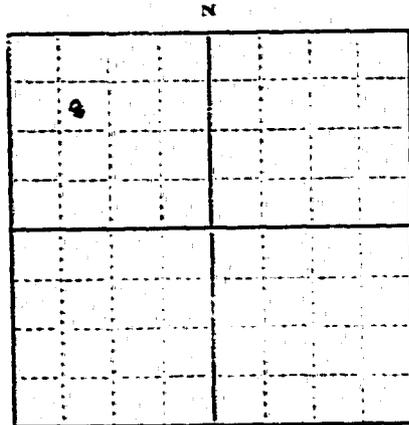
Contractor (if any) N/A

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 and domestic use - 10 months period

Signature of Owner Evan D. and Rosalyn White

By: [Signature]
Date 07-21-65

SEWEM 1/4 Sec. 17 T. 13 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.

39458

#836 (correction)

State of Montana }
County of Gallatin } ss.

Filed August 20, 1965

at 3:10 o'clock P. M.

CARL L. STUCKY

COUNTY CLERK & RECORDER

By Frank R. Maple

DEPUTY

Fee \$ 2.00 pd.

File No. _____

T. 15 R. 7E

DUPLICATE

County Callatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater December 20, 1963

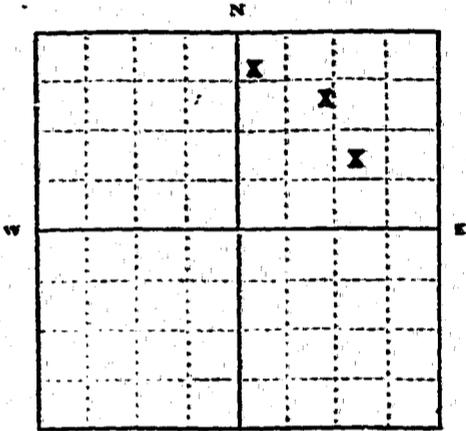
Owner F. D. Lichtenberg Address Bridger Canyon - Bozeman

Contractor (if any) _____

Address of Contractor _____

Date Started Natural Date Completed _____

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



NE 1/4 Sec. 18 T. 18 R. 7E

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 _____

Continuous 20 minutes inches for each of the three springs

Signature of Owner F. D. Lichtenberg

Date 12-20-63

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

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

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

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

1460

Col. in County: }
State of Missouri } ss.
Filed Dec 31 1963
at 9:32 o'clock A. M.
Carol Walton
COUNTY CLERK & RECORDER
By [Signature] DEPUTY
Fee \$ 2.00

File No. _____

T. 15, R. 7 East

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

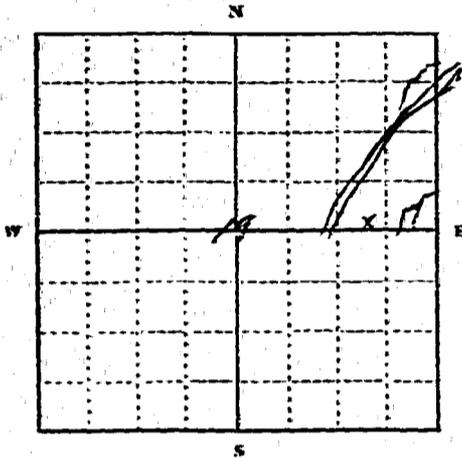
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Mr. Joe R. Denton, of R#2 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:



NE 1/4 Sec. 19 T. 15 R. 7 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous use since 1935

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 1/2 acre of garden

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 1935

8. The depth of water table 7 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 8 ft deep

10. The estimated amount of groundwater withdrawn each year 73,000 gallons

11. The log of formations encountered in the drilling of each well if available blue clay & gravel

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 A house was built at 1899 and domestic water was used

Signature of Owner Mr. Joe R. Denton

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.

1291

State of Montana }
County of Gallatin } ss.

Filed Dec 30 1963

at 11⁴⁶ o'clock A M.

Carl Walton

COUNTY CLERK & RECORDER

By Ida J Morrow

DEPUTY

Ex-2 200 Pl

File No. _____

T 15 R 7 E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

SW⁷

Date of Appropriation of Groundwater 1935

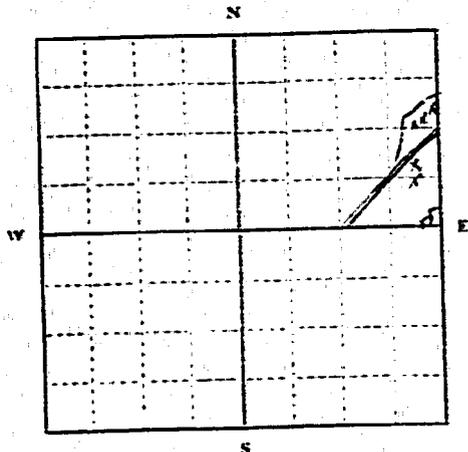
Owner Mrs. Ina R. Denton Address R#2, Logan, Mont

Contractor (if any) _____

Address of Contractor _____

Date Started 1935 Date Completed 1935

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Open ditch and sub-irrigation. Depth to water - 10 ft.



NE 1/4 Sec. 19 T. 15 R. 7 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. Spring flow varies - average 100 inches

Signature of Owner Mrs. Ina R. Denton

Date Dec. 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.

1292

State of Montana :
County of Gallatin: ss.

Filed Dec 30 1963

at 11⁴⁷ o'clock A.M.

DEPT. # 111111

COUNTY CLERK & RECORDER

By Ida J. Morrow

DEPUTY

Fee \$ _____

3367

State of Montana)
County of Gallatin) SS.

on June 29, 1973

at 3:57 o'clock P.M.

Carl L. Struck

County Clerk & Recorder

Alta Haugen
Deputy

Fee \$ 2.00

File No. _____

T 15 R 7E

DUPLICATE

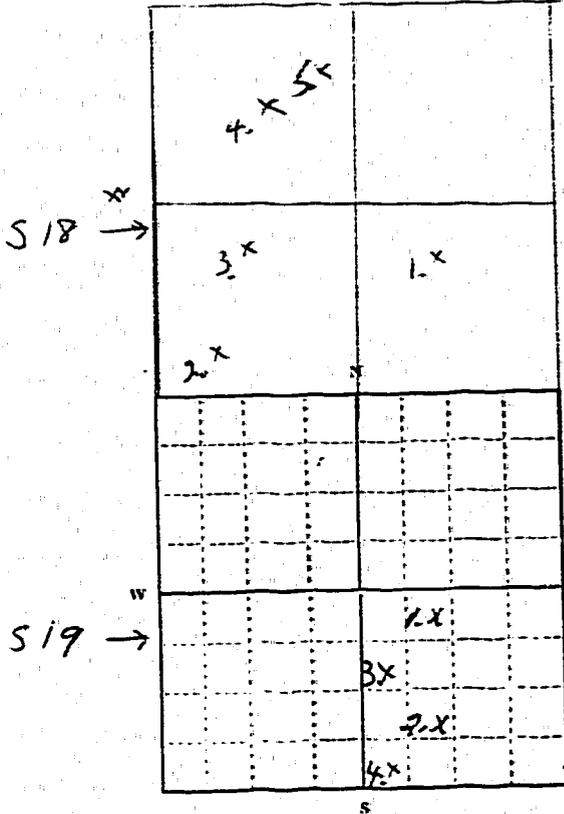
County 6-11-2 T17

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)



Sec 18 1905
Date of Appropriation of Groundwater 1. 1910. 2. 1939
Carol E. or 344 1910
Owner John D. Hamer Address RT # 2 Bozeman, Mont.

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. DEVELOPED SPRINGS

1. CONCRETE RESERVOIR
4X12X6 FT. DEPTH

2. CONCRETE RESERVOIR
3X3X3 FT. DEPTH. 344 STOCK WATER

Sec. 18, 1, 2, 3, 4, 5. STOCK WATER
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use _____

1 + 2 500 GAL PER HOUR

3 + 4 756,000 GAL PER SEVEN MONTHS

Sec 18. 3 78,000 PER SPRING PER 7 MONTHS

Signature of Owner John D. Hamer or Carol E. Hamer
Date Dec 21 1963

SE 1/4 Sec. 19 T. 15 R. 7E

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

S 1/2 + NW 1/4 Sec 18 T. 15 R. 7E

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.

115

State of Montana }
County of Gallatin } ss.
December 27
Filed _____ 1963
at **3:38** o'clock **P.** M.
EARL WALTON

COUNTY CLERK & RECORDER
By *Thelma Fiddle*
DEPUTY
Fee \$ **2.00**

File No. _____

T 15 R 7E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

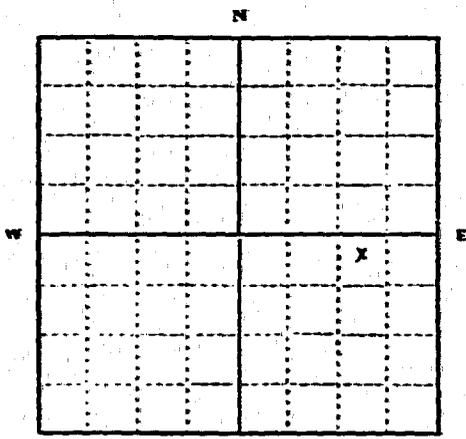
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Carol E. or John D. Ham, of Route # 2 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:



NE 1/4 OF SE 1/4
1/4 1/4
Sec. T. R.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1907 From 1907 to 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gallons per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal By Hand Pump & Electric Pump
NE 1/4 of the SE 1/4 Sec 19 T 15 R 7E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1907

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 Deep well, 4 inch casing, 60 Feet

10. The estimated amount of groundwater withdrawn each year 1,500 gal

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Used For School House Record in Dis # 39 at court house

Carol E. Ham
Signature of Owner John L. Ham
Date Dec 21 1963

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

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

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

#1056

State of Montana }
County of Gallatin } ss.

Filed December 26, 1963

at 4:16 o'clock P M.

EARL WALTON

COUNTY CLERK & RECORDER

By [Signature]
DEPUTY

Fee \$ 2.00 pd

T. 15 R. 7E 19
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner August E. & Ina Jane Hopf R.L. Address Bozeman Montana
Driller Vandyken drilling co Address Bozeman Montana
Date Started Sept 28 1956 Date Completed Sept 29 1956
Location: Sec 19 T. 15 R. 7E 1/4 sec. 4 Acres

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

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

Casing: 42 ft to 65 ft ft. Type Black pipe Size 6 in
Casing: TILE ft to 6 ft ft. Type TILE Size 2 ft
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: 4 ft from ground level feet.

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

Pumping water level: 4 ft ground level feet at _____ gal. per min. 9 gal per min

How tested: drill Bailer

Length of test: 65 ft total dept

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
no 2 drilled through 30 ft gravel 35 ft shale
no 1 dug well under house 6 ft

Gallatin County, 1 ss.
State of Montana, 1 ss.

Filed January 15, 1958

at 1:30 o'clock P. M.

EARL WALTON Clerk

By Ida J. Morrow

Fees

15-7E
County Gallatin 20

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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

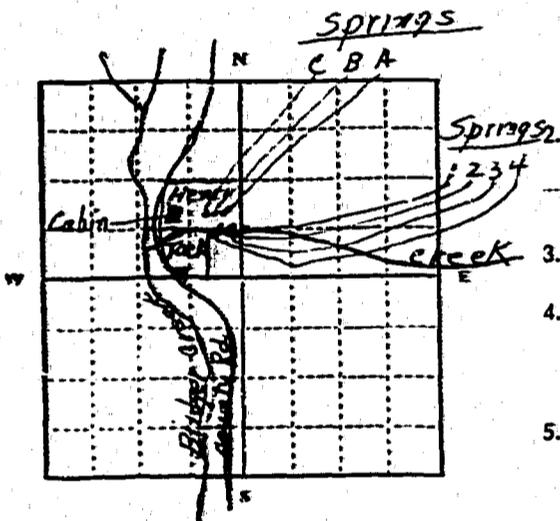
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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

For Administrator's Use	
File #	<u>2343</u>
GW I	

Owner M K Henri
 Address 1317 E. HELMICK St., Compton, Calif 90220
 Contractor (if any) N/A
 Address of Contractor N/A
 Date Started July 25, 1970 Date Completed Ditching

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) developed springs



Means of withdrawing water (gravity, pump, canal, etc.) gravity, canal (ditch)

3. Depth of water table to surface

4. Use of the water Domestic need at cabin

5. Amount of groundwater claimed (in miner's inches or gallons per minute) Total about 10 gpm per minute

6. If used for irrigation, give number of acres and description of land Not used for irrigation at this time

7. Estimate amount of water used each year 20,000 gallons

8. Months of year spring flows est 7 to 8

SE 1/4 NW 1/4 Sec 20
 T. One N R. Seven E
 S W

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated 6,025 FT

Doc. No. 2343
 Filed for record
 this 12 day of January
 A. D. 19 70, at 11:15
 o'clock AM

Signature of Owner M K Henri
 Date Sept. 18, 1970

47994

2343

JAN 13 1971

State of Montana }
County of Gallatin } ss.

Filed Jan 12, 1971
at 8:15 o'clock A.M.

Carl L. Stucky
County Clerk & Recorder

By Alta M. Hargan
Deputy

Fee \$ 2.00

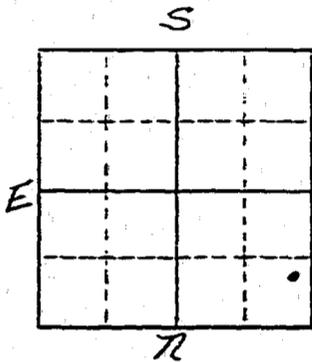
T. 1S R. 7E
County Yellaton

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

Water Well Log

STATE ENGINEER



Owner Albert J. Mickel Address Road 2 Bozeman
 Driller Tex Nelson Drilling Co Address 423 N 3rd
 Date Started _____ Date Completed Dec 4-1952
 Location: Sec. 20 T. 1S R. 7E $\frac{1}{2}$ sec. NW

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

Water use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other _____

Casing: surface ft. to 40 7/8 ft. Type Steel Size 6 5/8

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

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

Perforated or screened: Ft. 40 7/8 to ft. 90. Ft. _____ to ft. _____

Type of screen or perforations _____

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

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

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

How tested. _____

Length of test _____

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

(over)

#278

Callatin County, 1937
State of Montana.
Filed December 27, 1937
at 3:00 P.M.
E. PL. WALTON
CLERK OF DISTRICT COURT
By *Ida J. Morrow*
DEPUTY
Fee \$ 2.00 Pd.

20

File No _____

T 1 S R 7 E

DUPLICATE

County Gallatin

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 Dec 27, 1963

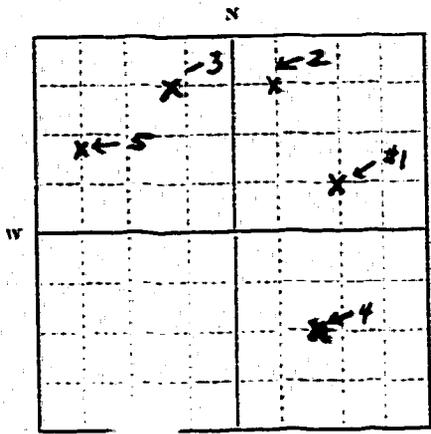
Owner Jane H. and Jay H. Newhall Address Bozeman Mont

Contractor (if any) None

Address of Contractor _____

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.



1/4 Sec 20 T _____ R _____

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

#1 Natural Spring, Box installed, Flood to stock tank overflow for irrigation on N 1/2, SW 1/4, sect 20, 15, 7E

#2 Natural Spring

#3 Natural Spring

#4 Natural Spring and Sub irrigation

#5 Subirrigation

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

estimate approximate lengths of periods of use

#1 5-10 Meters Inches, All time when not frozen

#2 3-5 " " " " " " "

#3 3-5 " " " " " " "

#4 5 " " " " " " "

Signature of Owner Jane H. Newhall

Date 12/27/63

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

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

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

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

1237

State of Montana (ss.
County of Cascade)

Filed 12-30, 1963

at 12:33 o'clock P.M.

Carl Patton

COUNTY CLERK & RECORDER

James Lewis

DEPUTY

Fee \$2.00

File No. _____

T 15 R 78 20

DUPLICATE

JUL 24 1970

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)

Owner Jay H. & Jane H. NISHALL Address Route 2, Box 200
Bosman, Mont.

Driller Donald C. Jones Address 2107 Broadway Dr.
Bosman, Mont.

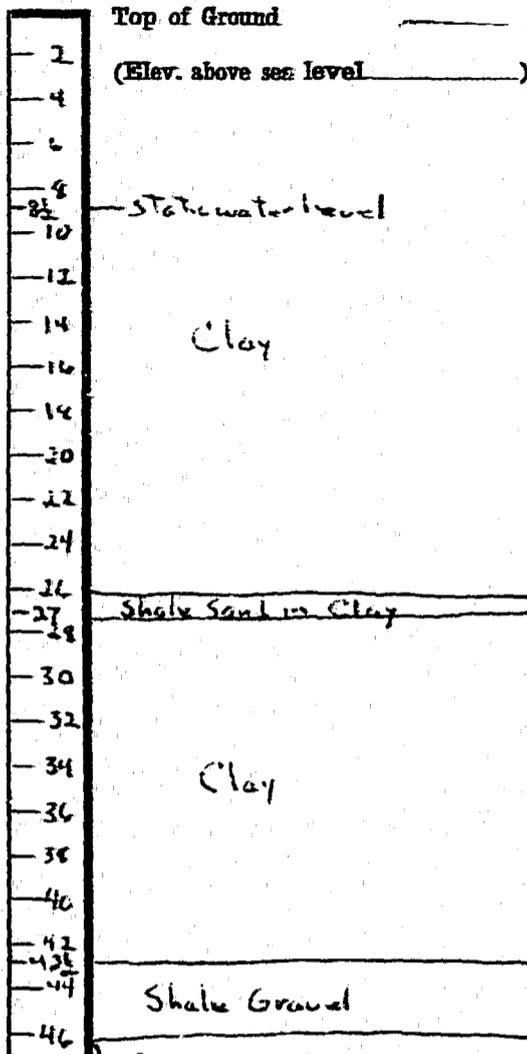
Date of Notice of appropriation of groundwater _____

Date well started April 23, 1970 Date completed April 22, 1970

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

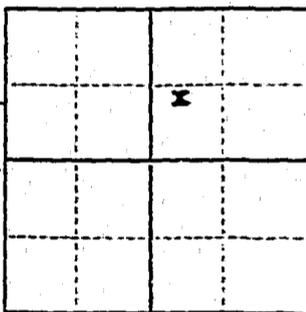
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in.	6 5/8" O.D. 17#	2 1/2' above Ground	42'	-	-	-

Doc. No. 2294
Filed for record
this 22 day of July
A. D. 1970, at 13:30
o'clock P.M.



Static Water Level for non-flowing well 8.5 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 42 feet
at 30 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) _____

412 704
412 704 Sec 20 T. 15 R. 78
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.

17
Driller's License Number

Donald Jones
Driller's Signature

46715

#2794

State of Montana }
County of Gallatin } ss.

Filed July 22, 19 70
at 3:30 o'clock P.M.

Carl L. Stucky
County Clerk & Recorder

By Leuello A. McJannet
Deputy

Fee \$ 2.00

MONTANA WATER RESOURCES BOARD
RECEIVED

15-7E

SEP 18 1970

County Gallatin

20

GW 3 Revised 1969
197-1500-10/69

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use

File 2344
September 17, 1970
9:00 a.m.

GW 1 _____

Owner Neil D. and Eleanor G. Tack

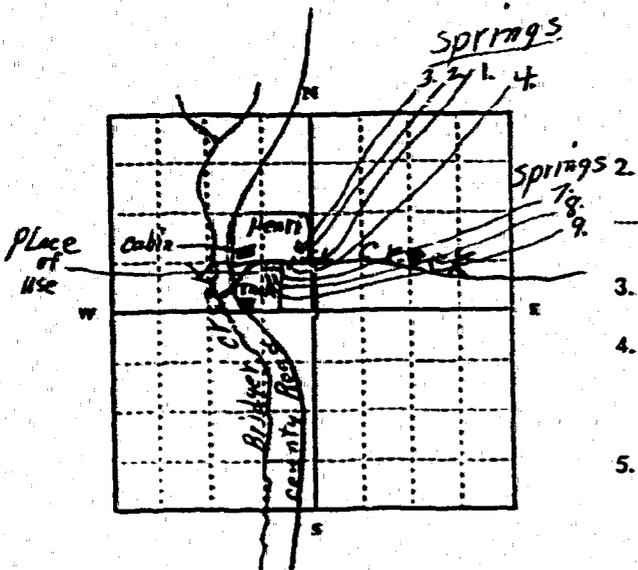
Address 815 North Black, Bozeman, Mont.

Contractor (if any) None

Address of Contractor _____

Date Started Ditching July 29, 1970 Date Completed _____

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Developed Springs



SE 1/4 NW 1/4 Sec 20

T. One N R. Seven E
S W

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE. Elevation of spring, if known or estimated 6,025 FT

2. Means of withdrawing water (gravity, pump, canal, etc.) Gravity, Canal (Ditch)

3. Depth of water table Surface

4. Use of the water Domestic and Fire Protection

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 15 gallons per Minute

6. If used for irrigation, give number of acres and description of land Not used for Irrigation at this time, but will for grass and trees in future

7. Estimate amount of water used each year 25,000 gallons

8. Months of year spring flows 12 - Months

47526

Signature of Owner Neil D. Tack
Eleanor G. Tack

Date Sept. 17, 1970

2314

State of Montana
County of Gallatin

Filed Sept. 17 19 70
at 9:00 o'clock A.M.

Carl L. Stucky
County Clerk & Recorder

By Luella M. Mapeed
Deputy

Fee \$ 2.00

File No. _____

T 1 S R 7 E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 27, 1963

Owner Jay H. and Jane H. Newhall Address Bozeman, Mont

Contractor (if any) None

Address of Contractor _____

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. #1 Natural Spring, Box installed and water carried to stock tank.

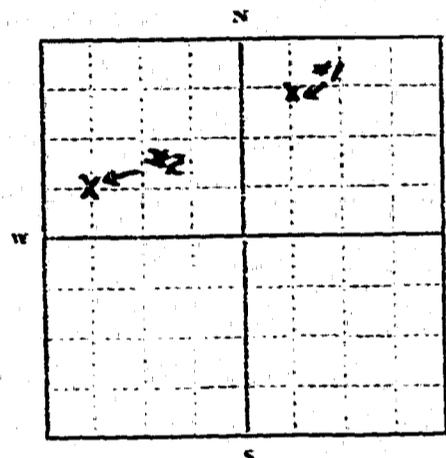
#2 Natural Spring Natural Spring, runs to water tank. Overflow follows natural course for irrigation purposes on NW 1/4 SW 1/4 Sect 20 T15 R7E

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

estimate approximate lengths of periods of use #2 About 5-10 Mins inches. All time of year except when frozen

#1 About 5 Mins Inches.

Signature of Owner Jay H. Newhall
Date 12/27/63



1/4 Sec 21 T15 R7E

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

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

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

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

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

1244

State of Montana ss.
County of Gallatin)

Filed 12-30, 1963
at 12:00 o'clock P.M.

Carl Holton
COUNTY CLERK & RECORDER

By Theresa J. Judd
DEPUTY

Fee \$2.00

RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

15-7E

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use

File 2276

May 5, 1970

GW 1 _____

Owner Fred C. Hanson
Address Bridge Canyon Pk. #2 Bozeman Mont.

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) _____

2. Means of withdrawing water (gravity, pump, canal, etc.) _____

Natural

3. Depth of water table _____

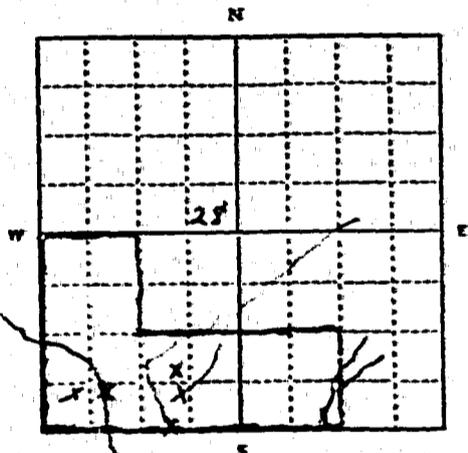
4. Use of the water Stock water & Drinking

5. Amount of groundwater claimed (in miner's inches or gallons per minute) _____

6. If used for irrigation, give number of acres and description of land _____

7. Estimate amount of water used each year _____

8. Months of year spring flows Year Around



in SW 1/4 of sec 28

T. 15 N R. 7E E
S W

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated _____

Signature of Owner Fred C. Hanson

Date May 5 - 1970

46411

2276

State of Montana
County of Gallatin
I, Carl E. Stucky
County Clerk & Recorder
do hereby certify that the foregoing is a true and correct copy of the original as the same appears from the records of the County of Gallatin, Montana.

State of Montana)
County of Gallatin) ss.
Filed: May 5, 19 70
at 8:35 o'clock A.M.
Carl E. Stucky
County Clerk & Recorder
By: Bery Rose Groggs
Deputy
Fee: 200 pd.

MONTANA WATER RESOURCES BOARD
Water Resources Division
Mitchell Building
Helena, Montana 59601

Recently a copy of a groundwater appropriation form,

- GW 1, Notice of Appropriation of Groundwater
- GW 2, Notice of Completion of Groundwater Appropriation by means of Well
- GW 3, Notice of Completion of Groundwater Appropriation without Well
- GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner Fred C. Hanson Address Bridger Canyon Rt. #2
Bozeman, Montana 59715

Location T. 1S., R. 7E., Sec. 28 Document No. 2276

This is to inform you that your GW form has been received and is complete as filed.

This is a request for additional information if available. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please indicate dates of commencement and completion of spring development and also provide information on amount of water withdrawn in gallons per minute or gallons per year.

Other.

MONTANA
JUN 17 1970

AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated _____

7. Estimate amount of water used each year _____

8. Months of year spring flows Year Round

Signature of Owner Fred C. Hanson

Date May 5 - 1970

46411

County Gallatin

28

RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use

File 2276

May 5, 1970

GW 1 _____

Owner Fred C. Hancock

Address Bridges Canyon Pt. #2 Boyman Road

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Developed springs that flow sometimes more and less according to yearly rainfall and snow in the mountains.

2. Means of withdrawing water (gravity, pump, canal, etc.) Natural springs

3. Depth of water table _____

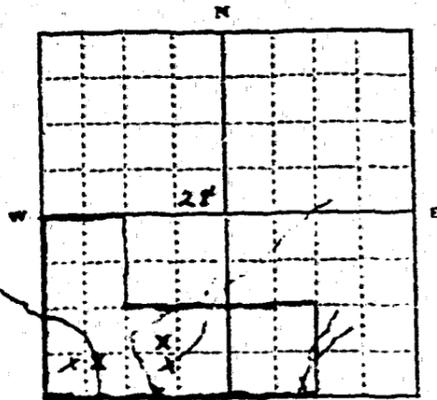
4. Use of the water Stock water & Draining

5. Amount of groundwater claimed (in miner's inches or gallons per minute) Insufficient

6. If used for irrigation, give number of acres and description of land _____

7. Estimate amount of water used each year _____

8. Months of year spring flows Year around



in Sec of Sec 28
1/4 1/4 Sec

T. 12 N. R. 7E E
S W

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated _____

Signature of Owner Fred C. Hancock

Date May 5 - 1970

46411

File No. _____

DUPLICATE

T 15 R 7E 28

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 1 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level _____)

0-5
5-19 old well
19-25 Clay & rock
25-27
27-28 gravel and water
Covered
26 ft bottom of well

Owner Elmer Hedrich Address Rt. 2 Bozeman
Driller Harold B. Hulbert Address Route 1 Bozeman, Mont

Date of Notice of Appropriation of Groundwater _____

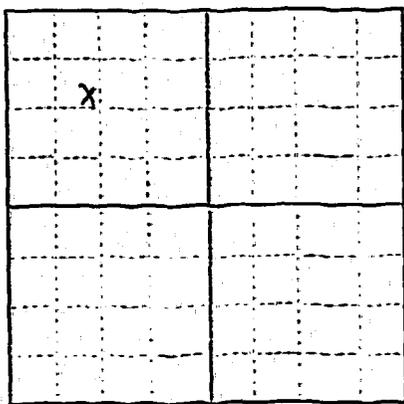
Date well started Nov 3, 1964 Date Completed Nov 3, 1964

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6 1/2" O.D. 13 ft	1' above ground	26	None		



Sec 28. T15 R1E
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 17 feet.

Shut-in Pressure for Flowing Well _____

Purging Water Level 19 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Flow Length of Test 2 hrs

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

None

47
Driller's License Number

Harold B. Hulbert
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.

38103

1882

State of Montana }
County of Gallatin }

Filed NOV 27 1964

at 1:45 o'clock P.
Carl L. Stucky

COUNTY CLERK & RECORDER

By [Signature]

DEPUTY

Fee \$ 2.00

29

File No. _____

T / S R 7 E

DUPLICATE

County Ballwin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

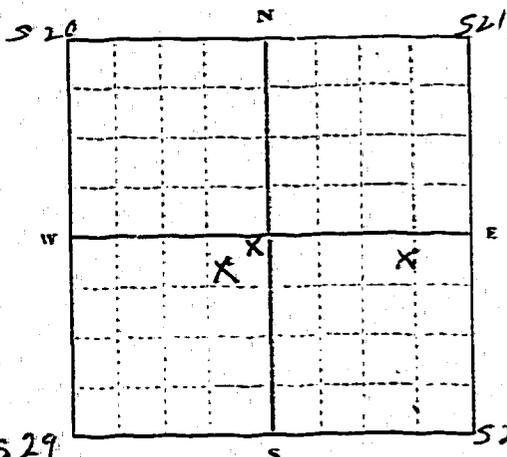
Date of Appropriation of Groundwater _____

Owner Henry T. Jacobs Address Ste #2 Bozeman Mont.

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____



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

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

estimate approximate lengths of periods of use Year around
use for household and
livestock watering and
some irrigation

NE 1/4 NE 1/4 Sec 29 T 15 R 7 E
Indicate point of appropriation and place of use, if possible.
NE 1/4 NW 1/4 S 28 T 15 R 7 E

Signature of Owner Henry T. Jacobs

Date Dec 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.

1045

State of Montana
County of Gallatin

Filed Dec 26 1963

2 45 P.M.

Earl Estlin
COUNTY CLERK & RECORDER

2077 DEPUTY

29

File No. _____

T 19 R 7E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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 December 20, 1963

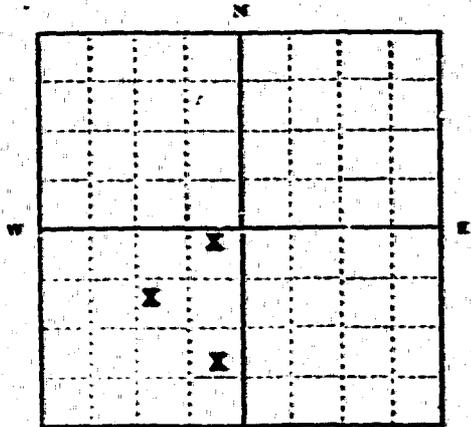
Owner F. D. Lichtenberg Address Bridger Canyon - Bozeman

Contractor (if any) _____

Address of Contractor _____

Date Started Natural Date Completed _____

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



SW $\frac{1}{4}$ Sec. 29 T. 18 R. 7E

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 _____

Continuous 20 p.m.s. inches from each of 3 springs

Signature of Owner F. D. Lichtenberg

Date 12-20-63

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

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

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

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

1456

DeWitt County, Ill.
State of Illinois, 1953

Date Dec 31 1953

of 958 Stock C. W.

Paul Wallen
COUNTY CLERK & RECORDER

By [Signature] DEPUTY

Fee \$ 2.00

29

File No. _____

T 15 R 7E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 15 1964

STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Aug 25, 1950

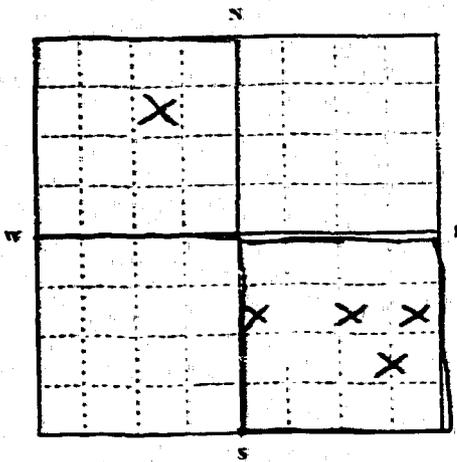
Owner Orville K. Orm Address Route 2

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

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



SE 1/4 NW 1/4 Sec 29 T. 15 R. 7E

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 Constant

Signature of Owner Orville K. Orm

Date Dec 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.

35845

1531

State of Montana } ss.
County of Gallatin }

Filed Dec 31, 1963

at 1113 o'clock A.M.

Coal Walton

CLERK & RECORDER

[Signature]

DEPUTY

[Signature]

File No. _____

T 1 S R 7 E

DUPLICATE

County Callatin

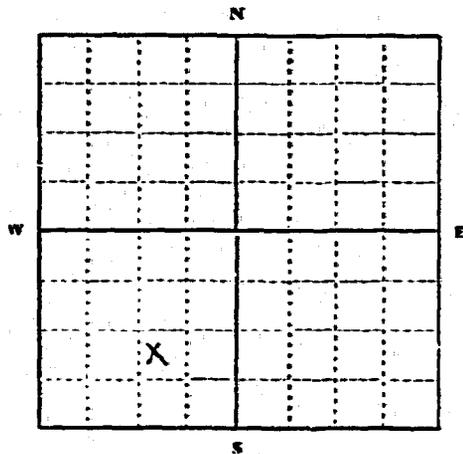
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

JAN 15 1963

I, Robert F. Arnold, of Rural Route #2, Bozeman
(Name of Appropriator) (Address) (Town)
County of Callatin 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. 15 R. 7E

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 purposes and irrigation of garden and yard
3. Date or approximate date of earliest beneficial use; and how continuous the use has been April, 1959
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 miners' inches
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric submerged pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April, 1959
8. The depth of water table 14'
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 45' cased 6", 120' depth
10. The estimated amount of groundwater withdrawn each year Unknown
11. The log of formations encountered in the drilling of each well if available Unknown to claimant, Van Dyken Drilling Company of Bozeman, Montana, drilled the well.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner [Signature]

Date December 27, 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.

1398

State of Montana
County of Gallatin SS.
Filed 12-31 1963
at 3:30 o'clock P.M.
Carl Walter
COUNTY CLERK & REGISTER
By [Signature]
DEPUTY
Fee \$ 4.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4328

File No. _____

COMMISSION BOARD

T 15 R NE 7E

AUG 18 1966

County Balliet 30

DUPLICATE

LOG

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner M. Alvin Judy Cowdry Address Bridges Canyon

Driller Donald C. Jones Address Bazeman, Mont

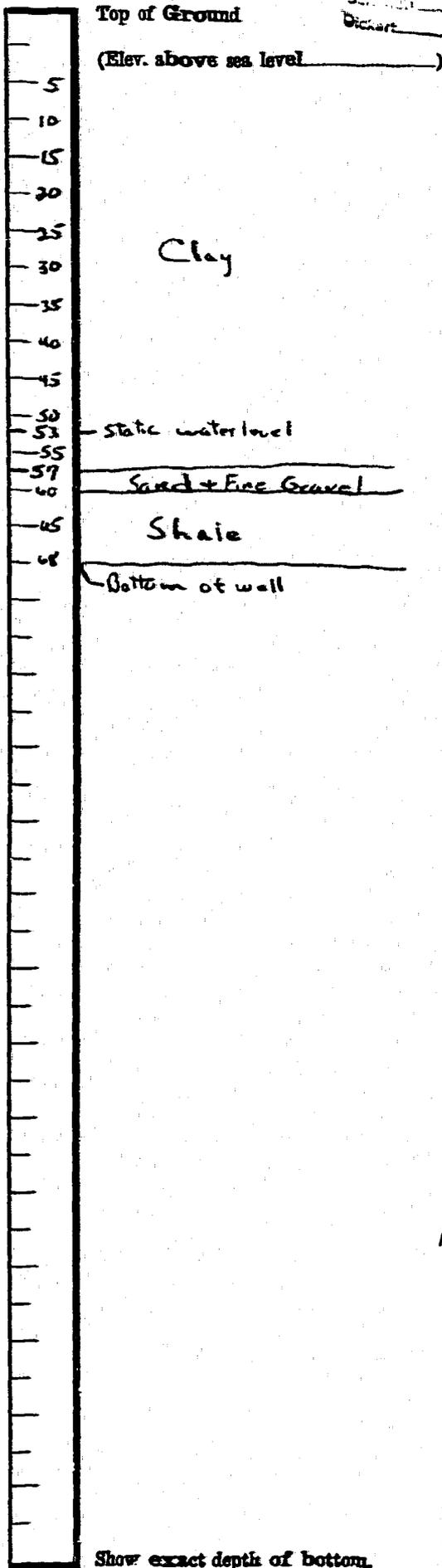
Date of Notice of appropriation of groundwater _____

Date well started June 18, 1965 Date completed June 24, 1965

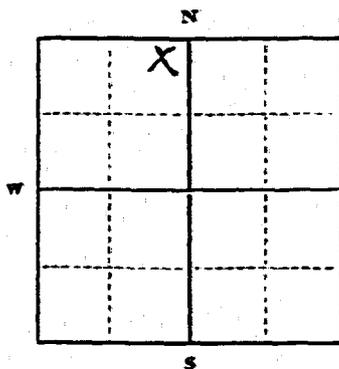
Type of well Drilled Equipment used Churn Drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, 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 in.	6 5/8" OD 17#	6" above Ground	59 ft.			
	5" Galv. liner	58 ft.	68 ft.	1/16" x 1 1/2"	58 ft.	68 ft.



Static Water Level for non-flowing well 53 feet.

Shut-in Pressure for Flowing Well NA

Pumping Water Level 68 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well NA

How Tested Pump

Length of Test 1 hr.

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

File 1/4 Sec 30 T. 15 R. 7E

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

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

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

17
Driller's License Number

Donald C. Jones
Driller's Signature

41,320 #15320

#2030

State of Montana } ss.
County of Gallatin }
Filed August 11, 1966
at 3:30 o'clock P.M.
Carl L. Stucky
County Clerk & Recorder
By Luella M. Mayfield
Deputy
Fee \$ 2.00

30

File No. _____

T. 19 R. 7E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERS

JAN 15 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1952

Owner FAH-C DAVIS Address BOZEMAN MONT

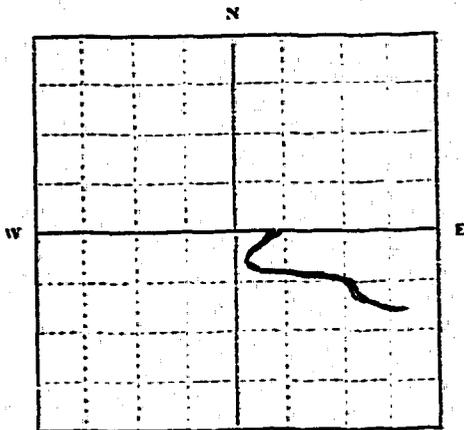
Contractor (if any) MAN EDENS + LEE

Address of Contractor BOZEMAN

Date Started 1946-47 Date Completed 1947

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

GRAVITY



SE 1/4 Sec. 30 T. 1S R. 7E

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 _____

IRRIGATION OF
ALFALFA - FAH - GROUND

Signature of Owner Fay C. Davis

Date 12/31 '63

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

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

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

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

35841

1527

State of Montana)
County of Gallatin) ss.

Filed Dec-31, 1963

at 11:09 o'clock A.M.
Carl Waller

COUNTY CLERK & RECORDER

By [Signature]

Fee \$ 7.00

File No. _____

RECEIVED

T 15 R 7E 30

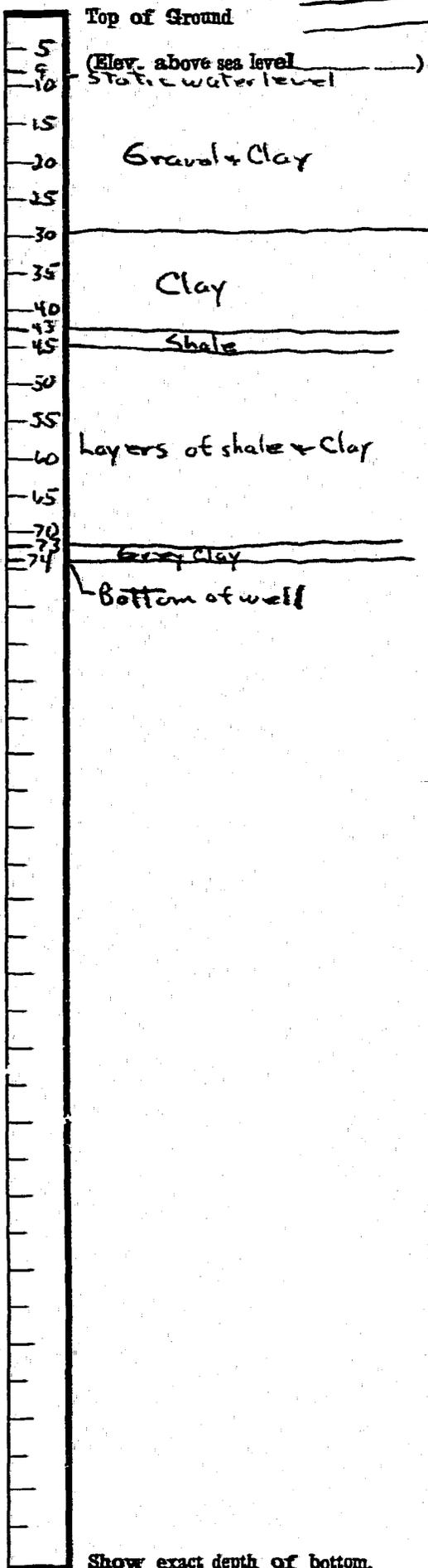
DUPLICATE

SEP 26 1967

County Gallatin

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD



Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)
Gladys R. Ortmaier

Owner Louis L. Ortmaier Address Hillcrest Homes-Bozeman

Driller Donald C. Jones Address Bozeman, Mont

Date of Notice of appropriation of groundwater _____

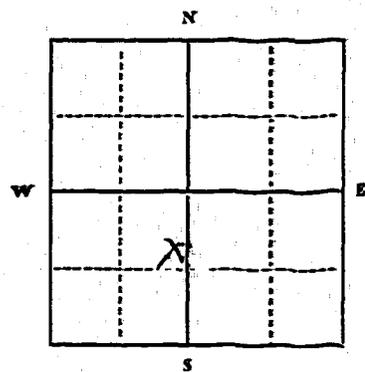
Date well started August 24, 1967 Date completed Aug 28, 1967

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in	5 5/8" 00 15#	1 1/2' above Ground	29'	-	-	-
	5 1/2" 00	10'	73'	3/8" x 3" slot	10'	73'



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 74 feet
at 22 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pump

Length of Test 1 hr

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

NE 1/4 Sec 30 T 15 R 7E
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.

17
Driller's License Number

Donald C. Jones
Driller's Signature

42,341

2522

State of Montana } ss.
County of Gallatin }
Filed Sept. 21, 1967
at 1:50 o'clock P.M.
Carl E. Mackey
County Clerk & Recorder
By _____ Deputy
Fee \$ 2.00 RM

File No. _____

T.15 R.7E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

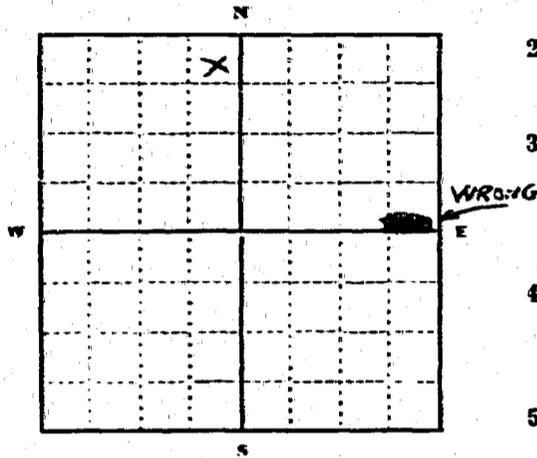
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, George Ripley and Dorothy P Ripley of Route 2 - Box 274 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:



W 1/4 NW 1/4 NE 1/4 Sec 30 T.15 R.7E
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 house well; lawn + garden irrigation, stock water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Mid 1964 - house is to be built.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) Well tested at 35 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 lawn and garden irrigation
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Deep well jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 1 to May 2, 1963

8. The depth of water table 52'

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 - cased to 52' with 6" steel pipe - open hole in sand stone from 52' level to 65' level.

10. The estimated amount of groundwater withdrawn each year 900,000 gallons

11. The log of formations encountered in the drilling of each well if available 0 - 1 1/2' loam;

1 1/2 - 30' clay; 30 - 52' sandy clay; 52 - 65' sandstone, coarse.

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 H. George Ripley
Date 12/31/63

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

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

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

36080

1766

State of Montana)
County of Gallatin) ss.
Filed: Dec 31, 1963
at 4:12 o'clock P. M.
Carl Watkins
COUNTY CLERK & RECORDER
By [Signature]
Deputy
Fee \$ 2.00

3074

State of Montana ;
County of Gallatin ; ss.
Filed May 10, 1972
at 11:45 o'clock A.M.
Carl L. Stucky
County Clerk & Recorder
By Deborah M. Bridges
Deputy
Fee \$ 7.50

798
~~497~~

State of Montana }
County of Gallatin } ss.

Filed December 3, 1963
at 2:00 o'clock P. M.

KARL WALTON

COUNTY CLERK & RECORDER

By *Frederic A. Maple*

DEPUTY

Fee \$ 2.00 pd

File No. _____

T 15 R 7E 31
County Hallstein

DUPLICATE

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)

JUDITH N. MARCHWICK

Owner JOHN MARCHWICK Address BOZEMAN, MONTANA

Top of Ground
(Elev. above sea level _____)

0' - 20' Boulders and clays.

20' - 74' Dark red shales and boulders.

74' - 97' Dark red shales. Dry.

97' - 131' Dark gray shales. Dry.

131' - 178' Dark red shales. Dry.

178' - 179' Soft sandstone. WATER.

T.D. 179'

Driller VAN DYKEN DRILLING CO Address BOZEMAN, MONTANA

Date of Notice of appropriation of groundwater None

Date well started Mar 27/69 Date completed April 12/69

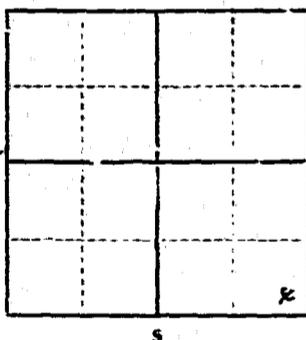
Type of well Drilled Equipment used Cable tools
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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.	0'	79'			
4"	17# per ft. 1" wall plastic	0'	179'	1/16" slot	160'	179'

Doc. No. 2339
Filed for record
this 20 day of December
A. D. 19 70 at 3:05
o'clock P. M.



SE 1/4 Sec. 31 T.15 R.7E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 94' feet.

Shut-in Pressure for Flowing Well none

Pumping Water Level 104' feet
at 25 gal. per minute.

Discharge in gal. per min. of flowing well none

How Tested Bailer

Length of Test 2 Hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Puddled clays
shutoff outside of casing
from 0' to 78'

(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

Bart Van Dyken
Driller's Signature

Bart Van Dyken

47952

#2339

State of Montana }
County of Gallatin }

Filed Dec. 30, 1970
at 3:05 o'clock P.M.

Carl L. Stucky

County Clerk & Recorder

Frederic A. Maples

Deputy

Fee \$ 7.00 pd.

File No. _____

IS 7E
TE 7E
31

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERS

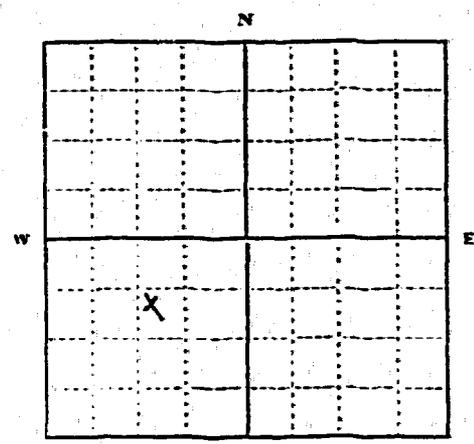
Notice of Completion of Groundwater Appropriation
Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

MONTANA WATER RESOURCES BOARD
RECEIVED
MAY 8 1968

Date of Appropriation of Groundwater March 30, 1968
Owner Robert B. Mead Address Bridger Canyon
Contractor (if any) _____
Address of Contractor N/A
Date Started _____ Date Completed _____



NE 1/4 SW 1/4 Sec 31 T167E R13E
Indicate point of appropriation and place of use, if possible.

- 1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Developed Spring
 - 2) Means of withdrawing water (gravity, pump, canal, etc.) Gravity
 - 3) Depth of water table 45 feet to potable water
 - 4) Use of the water Domestic: piped directly to farmhouse
 - 5) Amount of groundwater claimed (in miner's inches, or gallons per minute) All: 100 gallons/minute
 - 6) If used for irrigation, give number of acres and description of land N/A
 - 7) Estimate amount of water used each year 90,000 - 100,000 gallons annually
- Signature of Owner Robert B. Mead
Date 5/6/68

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.

74174

2157

State of Montana }
County of Gallatin } ss.

Filed May 6, 1968
at 3:00 o'clock P.M.

CARL L STUCKY

County Clerk & Recorder

Betty Rose Griggs

Deputy

Fee \$ 2.00 pd

31

File No. _____

T 1S R 7E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1952

Orville K. &

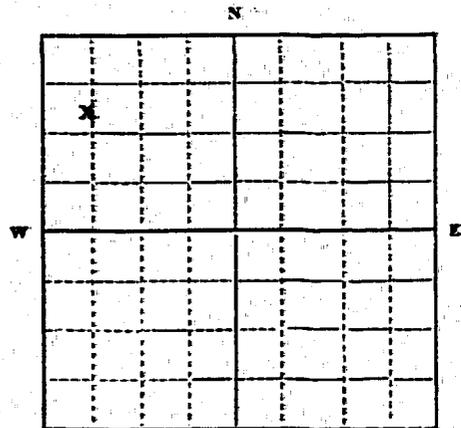
Owner Lida M. Own Address Rte 2, Bozeman, Mont.

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

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



NW $\frac{1}{4}$ NW Sec 31 T1S R 7E

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 _____

Flows 6 gallons per minute. Used constantly

for stock water.

Signature of Owner Orville K. Own

Date April 19, 1963

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

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

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

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

4296

628

State of Montana
County of Gallatin

Filed April 29, 1963

at 120 B St.
Carl Walton

BY [Signature]

Fee \$ 2.00