

GROUNDWATER INDEX \_\_\_\_\_

Page 7 of 5

County Illation Twp. 125 Rge. 5E

[illegible]

File No. ....

T. 12 S. R. 5 E. 8

DUPLICATE

MONTANA WATER RESOURCES BOARD

County Gallatin100 **RECEIVED**STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

DEC 10 1968

Top of Ground

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

0 to 18 feet

Coarse, Dirty Overburden

27 Feet

Static Water Level

18 to 32 Feet

Dirty, Coarse Sand  
& Gravels

32 to 53 Feet

Sand &amp; Gravel

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Parade Rest Ranch Well #2.

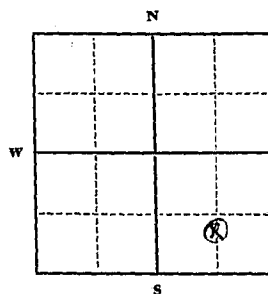
Owner Mrs. & Mrs. Wells Morris Address West Yellowstone, Mont.Driller Porte Drilling & Dev. Address R.R. #1. Bozeman, Mont.

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

Date well started 7/ 20/ 68 Date completed 7/ 20/ 68Type of well drilled Equipment used cable tool  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 280 Well	+2 1/2'	53'			

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

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

Pumping Water Level..... 32 ..... feetat..... 45 ..... gal. per minute.Discharge in gal. per min. of flowing well  
.....How Tested..... Belled.....Length of Test..... 1 hour.....Remarks: (Gravel packing, cementing, pack-  
ers, type of shutoff).....SW 1/4 SE Sec. 8 T. 12 S. R. 5 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 Addi-  
tion).

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.150  
Driller's License Number

Driller's Signature

44,838

2211

State of Montana } ss.  
County of Gallatin }

Filed Dec 9, 1968

at 5:00 o'clock P.M.  
Carl L. Stucky

County Clerk & Recorder

By Alta M. Hangan  
Deputy

Fee \$ 25.00

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

MONTANA WATER RESOURCES BOARD

T. 12S R. 5E

DUPLICATE

RECEIVED

County Gallatin

LOG

DEC 10 1968

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground \_\_\_\_\_

(Elev. above sea level \_\_\_\_\_)

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

DEVELOPED AFTER JANUARY 1, 1963

(Under Chapter 237, Montana Session Laws, 1961)

Parade Rest Ranch Well #1.

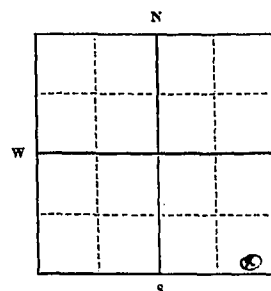
Owner Mr. & Mrs. Wells Morris Address West Yellowstone, Mont.Driller Potts Drilling & Dev. Address R.R. #1, Bozeman, Montana

Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started 7/18/68 Date completed 7/19/68Type of well drilled Equipment used cable tool  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 250 Wall	+2'7"	57'			

Static Water Level for non-flowing well \_\_\_\_\_  
28 feet.

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

Pumping Water Level 33 feetat 45 gal. per minute.

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

How Tested BailedLength of Test 1 hour

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

SE 1/4 Sec 3 T12S R5E  
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.

150  
Driller's License Number

Herbert A. Potts  
Driller's Signature

44,837

2212

State of Montana } ss.  
County of Gallatin

Filed Dec 9, 1968  
at 3:45 o'clock P.M.  
Carl L. Stucky

County Clerk & Recorder

By Alta M. Hangan  
Deputy

Fee \$ 2.00 Ad.

File No. ....

DUPLICATE

LOG

Top of Ground

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

0 - 7 feet

Dirty coarse overburden

7 - 14 feet

Claybound sand and Coarse,  
dirty gravel

14 - 51 feet

dirty sand and gravel

25 ft.

Static Water Level

51 - 58 ft.

Sand and Gravel

MONTANA WATER RESOURCES BOARD  
**RECEIVED**

NOV 28 1969

W

E

S

N

X

SE 1/4

Sec. 8

T. 12 S

R. 5 E

Indicate location of well and  
place of use, if possible. Each  
small square represents 40  
acres.STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARDNotice of Completion of Groundwater  
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner Parade Rest Ranch Address West Yellowstone, MontanaDriller Potts Drilling and Dev. Address R.R. #1, Bozeman, Mont.

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

Date well started Sept. 22, 1969 Date completed Sept. 22, 1969Type of well drilled Equipment used cable tool  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 19#	+2	60'			

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

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

Pumping Water Level..... 30 feetat..... 30 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested PumpedLength of Test 1 hourRemarks: (Gravel packing, cementing, pack-  
ers, type of shutoff).....

(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 Addi-  
tion).

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

Driller's Signature

45 912

2256

State of Montana )  
County of Gallatin ) ss.

Filed Nov. 25, 1969

at 10:55 o'clock P.M.

Carl L. Stucky

County Clerk & Recorder

By Alta M. Hangan

Deputy

Fee \$ 2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—42325

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

MONTANA WATER RESOURCES BOARD

**RECEIVED**

T. 12S. R. 5E

DUPLICATE

AUG 14 1967

County GALLATIN

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERTop of Ground  
(Elev. above sea level \_\_\_\_\_)

0-5 surface dirt

5-112 gravel, dirt &  
boulders112-114 brown shale-like  
sand & rock

finished at 114

114-beyond clay

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

(Under Chapter 237, Montana Session Laws, 1961)

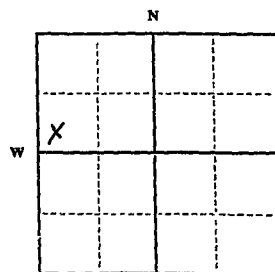
Owner Robert Furu Address West Yellowstone, Mont.Driller Carl F. Hollensteiner Address Dillon, Montana

Date of Notice of appropriation of groundwater. \*\*\*\*\*

Date well started June 19, 1967 Date completed July 18, 1967Type 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 Peacabins

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)
8" to 100'	6"	1 Ft. up	110	None		
6" to 114						

Static Water Level for non-flowing well  
89 feet.

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

Pumping Water Level 95 feet

at 25 gal. per minute.

Discharge in gal. per min. of flowing well  
\*\*\*\*How Tested BailerLength of Test 2 hrs. with bailer

then installed pump @ 20 g.p.m.

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff) \*\*\*\*\*

S.W. 1/4 Sec. 15 T. 12S. R. 5E

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. 9

Driller's License Number

Carl F. Hollensteiner  
Driller's Signature

42,203



2112

FILED

RECORDED

State of Montana }  
County of Gallatin } ss.

Filed Aug 9, 1967,

at 1:00 o'clock P. M.

Carl L. Stucky

County Clerk & Recorder

By Reed O. Water

Deputy

Fee \$ 2.00

County.

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

**Developed after January 1, 1962**

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

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

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

Owner **Rolf Olson**

**Stacy Bledsoe**

Address ~~East~~ Belmont

For Administrator's Use

le # 31.53

Nov. 3/1912 2:30 p.m.

Date well started Aug. 10, 1972

GW 1

completed Sept. 7, 1972

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used: Quartz drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

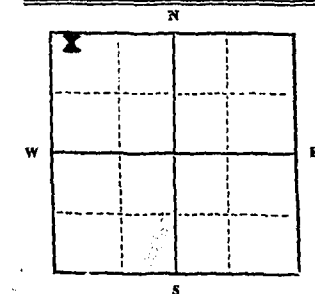
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

**\*Describe**

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

ESTIMATED ANNUAL WITHDRAWAL 2,000,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
3" to 2 1/2"						
6" to 22"	6 5/8" 17 lb	12 up	to 217		None	
	black primo steel					



Static water level ..... 190 ft.  
Pumping water level ..... 230 ft.  
at 12 ..... gallons per minute,  
measured 60 ..... minutes after pumping  
began.

\*Measured from ground level.

Well developed by Endocrine

for .....hours.

Power..... Pump..... HP

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

.....NW.....1/415c.....  
128.....SE.....E  
S.....W

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

Driller's Signature

Driller's Address

LICENSE NO.

**DRILLER'S LOG**

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

Top of Ground

(Elev. above sea level)

[illegible]

Show exact depth of bottom

51,779

# 315.3

State of Montana }  
County of Gallatin } ss.  
Filed Nov. 3, 19 72  
at 2:30 o'clock P.M.  
Carl L. Slucky  
County Clerk & Recorder  
By Paul H. Bridges  
Deputy  
Fee \$ 2.00

GW 2

File No. ....

JUL 12 1967

T 128 R 5E

TRIPLICATE

Billed to Mr. Bernott  
Butcher  
Coy  
Derrickson  
Dickert

County Gallatin

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

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

0-3 surface dirt

18' static level

3-50 sandy clay

50-55 fine obsidian sand

55-56 coarse sand and fine gravel

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Leon A. & Lois H. Atwood Grayling Creek Ranch  
Address West Yellowstone, Mont.

Driller Carl F. Holmstrom Address Dillon, Montana

Date of Notice of appropriation of groundwater. 7-12-67

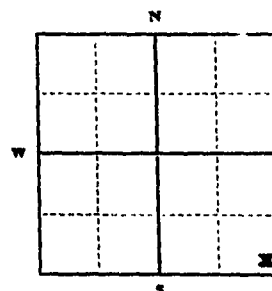
Date well started June 15, 1967 Date completed June 17, 1967

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"	6" I.D. 18.97 lb .280 wall Black	1' up	50		None	



Static Water Level for non-flowing well  
18 feet.

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

Pumping Water Level 21 feet  
at 20 gal. per minute.

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

How Tested Bailor

Length of Test 1 hr.

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

SE 1/4, Sec. 16, T128R5E

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. 9  
Driller's License Number

Driller's Signature

42,138

# 2105

State of Montana } ss.  
County of Gallatin }  
Filed July 14, 1967  
at 10:45 o'clock A.M.  
Carl L. Stucky  
County Clerk & Recorder  
By Donald C. Wapner  
Deputy  
Fee \$ 2.00

**DRILLER'S LOG**

50,778

3089

State of Montana }  
County of Gallatin } ss.

Filed June 29, 19 72

at 3 30 o'clock P.M.

Carl L. Stucky  
County Clerk & Recorder

By Walter M. Whiteinan  
Deputy

Fee \$ 2.00 p 4

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Melvin Neary

Address West Yellowstone, Mont.

Date well started May 22, 1972

completed May 25, 1972

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

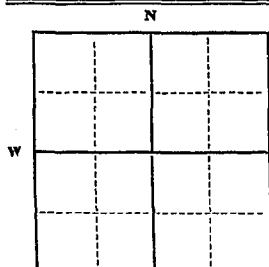
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 2,500,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"		0	107			
6		107	126			
	6 5/8" O.D. black 17 lb	126	126			



Static water level 98 ft.\*  
Pumping water level 105 ft.\*  
at 20 gallons per minute,  
measured 0 minutes after pumping began.

\*Measured from ground level.  
Well developed by balling  
for 1 1/2 hours.

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

Lot 3, Blk 2, Bear Trap Sub.

1/4 NE 1/4 Sec 16

T. 12S R. 5 E

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

Driller's Signature [Signature]

Driller's Address P.O. Box 5 Dillon, Montana 59725

LICENSE NO. 9

125-5E  
Gallatin  
County

RECEIVED

JUL 13 1972

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	2	surface dirt
2	12	broken rock & clay
12	15	boulders
15	80	broken rock & clay
80	117	sandy gravel & clay
117	126	gravel & clay some water
126	126	gravel

Show exact depth of bottom

50, 901



# 3091

State of Montana }  
County of Gallatin }

Filed July 12 1972

at 11:45 o'clock AM

Carl L. Stucky

County Clerk & Recorder

By Frederick A. Bridges

Deputy

Fee \$ 2.00 pd.

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

DUPLICATE

T. 12 S. R. 5 E

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

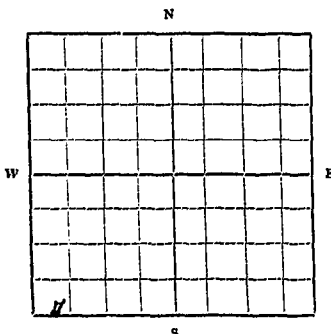
RECEIVED  
AUG 20 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1962)

STATE ENGINEER

1. Roland B. Whitman & MARGARET FULLER WHITMAN  
(Name of Appropriator) West Yellowstone, Montana  
(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:



SW 1/4 Sec. 16, T. 12 S. R. 5 E

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

2. The beneficial use on which the claim is based household use, livestock water and for lawn & garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous since July 1945

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 g.p.m.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1 acre lawn and garden livestock

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 July 6, 1945 started drilling finished July 7, 1945

8. The depth of water table 18 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled in old hand dug well 19 ft deep. Formation red sand stone. 5 3/16 galv casing.

10. The estimated amount of groundwater withdrawn each year 2,500,00 to 3,000,000 gallons

11. The log of formations encountered in the drilling of each well if available red sandstone as far as drilled below old dug 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

Roland B. Whitman  
Margaret F. Whitman  
Date July 20, 1963

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

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

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

5439

#688

State of Montana }  
County of Gallatin } ss.

Filed August 19, 1963

at 9:45 o'clock A. M.

EARL WALTON

COUNTY CLERK & RECORDER

By W. J. Morris }  
DEPUTY

Fee 2.00 Pd.

125-5E  
County LaPlata PA. 6  
22

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD  
NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

**Developed after January 1, 1962**

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

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

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

Owner James J. Davis

Address West Yellowstone, Mont File 3/39

Date well started Sept 22, 1972

completed Sept 23, 1972

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Prism 4113

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

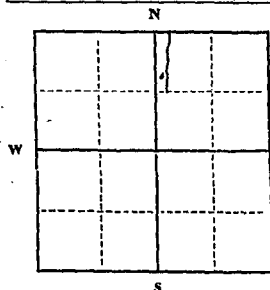
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 2,500,000 gallons

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. 17 lb 1/2 Black prime steel		66		None	



NE 1/4 NW 1/4 Sec. 22

T. 12 ~~X~~ R. 5 E

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

Driller's Signature Capt J H Henson

Driller's Address P.O. Box 5, 111 Town, Montana 59735

LICENSE NO. 9

### DRILLER'S LOG

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

Top of Ground

(Elev. above sea level)

[illegible]

Show exact depth of bottom

5,605

3139

State of Montana } ss.  
County of Gallatin }  
Filed Oct. 10, 1972  
at 10:30 o'clock AM.  
Carl L. Stucky  
County Clerk & Recorder  
By Thelma A. Bridges Deputy  
Fee \$ 2.00 pd.

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Dean Nelson

Address West Yellowstone, Mont.

Date well started Aug. 15, 1972

completed Aug. 17, 1972

Type of well Drilled

Equipment used Churn drill

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

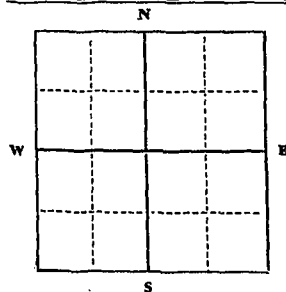
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 3,000,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" Black 17 lb. Prime steel	18" up	61 1/2	None		



N 1/4 Sec. 72  
T. 12 S. R. 5 E

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

Driller's Signature

Driller's Address P.O. Box 5, Dillon, Montana 59725

LICENSE NO. 9

RECEIVED

SEP 1 1972

125-5E

County Dillon

DRILLER'S LOG

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

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
0	16	Sand & clay
16	38	Clay & sand (some water)
	20	static level
38	45	Fine gravel & clay
45	52	Very fine sand
52	64	Sand & gravel bound with lava dust
64	65	Sand & gravel
	65	finished gravel & sand

Show exact depth of bottom

51,283

# 3117

State of Montana } ss.  
County of Gallatin }  
Filed August 25, 19 72  
at 11:35 o'clock A.M.  
Carl L. Stucky  
County Clerk & Recorder  
By Laurel A. Bridge  
Deputy  
Fee \$ 2.00 pd.

72

August

21

West Yellowstone, Montana

73

January 9

GALLATIN

Dean L. Nelson

is

RECEIVED

125-SE  
County Gallatin 22

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

Owner L. J. Murphy  
Address West Yellowstone, Montana 5307  
Date well started Sept. 20, 1972  
completed Sept. 22, 1972

For Administrator's Use	
GW 1	10.15 p.m.

Type of well Drilled  
(Dug, driven, bored or drilled)

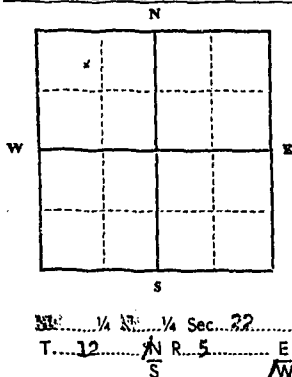
Equipment used Churn Drill  
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

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

ESTIMATED ANNUAL WITHDRAWAL 2,500,000 gallons

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. 17 lb prime steel	10 up	63		None	



Static water level 19 ft.\*  
Pumping water level 29 ft.\*  
at 20 gallons per minute,  
measured 6 minutes after pumping began.  
\*Measured from ground level.  
Well developed by Drilling  
for 2 hours.  
Power          Pump          HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	13	reddish clay & sand
13	15	large boulder
15	20	clay & sand
20	43	slippy clay & sand
43	45	boulder or rock ledge
45	60	sand & gravel lots of fines
60	63	coarse sand fine gravel

LICENSE NO. 9

63 Show exact depth of bottom

55530



3307

State of Montana } ss.  
County of Gallatin }  
Filed June 28, 1973  
at 11:15 o'clock A.M.  
Carl L. Stucky  
County Clerk & Recorder  
By Alta Hengen  
Deputy  
Fee \$ 200.00

GV

File No.

DUPLICATE

RECEIVED

JUL 5 1973

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

T125 R R 5 E 22

County Gallatin

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

STATE OF MONTANA

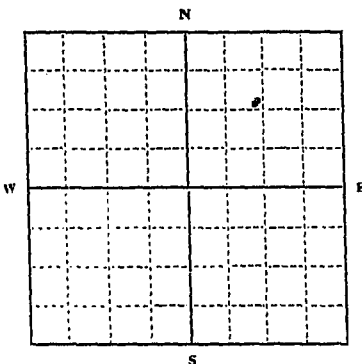
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Vernon R. Smith of 201 Carlisle Ave, York  
 (Name of Appropriator) (Address) (Town)  
 County of York State of Pennsylvania  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec 22 T.125 R.5 E

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

3374

6-28-73

4:21 p.m.

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

3. Date or approximate date of earliest beneficial use; and how continu-  
 ous the use has been 1961 Continuous  
use to present

4. The amount of groundwater claimed (in miner's inches or gallons  
 per minute) 10 gal per min

5. If used for irrigation, give the acreage and description of the lands  
 to which water has been applied and name of the owner thereof  
N.A.

6. The means of withdrawing such water from the ground and the loca-  
 tion of each well or other means of withdrawal pump  
from well

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
 drawal of groundwater 1961 commencement & completion

8. The depth of water table 25 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 Casing 6 inches conveyed  
by pipe & pump 35 feet

10. The estimated amount of groundwater withdrawn each year 10,000 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 N.A.

Signature of Owner

Date 29 June 1973

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.

55488

3374

State of Montana } ss.  
County of Gallatin }

Filed June 29, 19 73

at 4:21 o'clock P.M.

Carl L. Stucky  
County Clerk & Recorder

By Alta Hargan  
Deputy

Fee \$ 2.00

GW

RECEIVED

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

File No. ....

JUL 5 1973

T. 125 R. 5 E

DUPLICATE

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION  
STATE OF MONTANA

County Gallatin

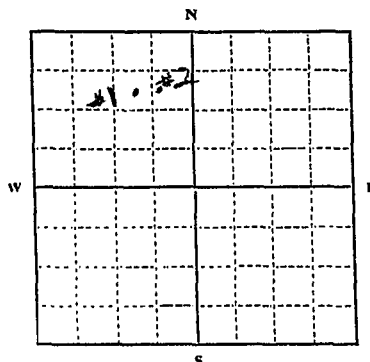
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Vernon R. Smith, of 201 Carlisle Ave, York  
 (Name of Appropriator) (Address) (Town)  
 County of York State of Penn  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

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

3373  
 6-29-73  
 4:20 p.m.

2. The beneficial use on which the claim is based 2 Wells
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1935 Continuous  
use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) both 10 gal per min
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
N.A.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
from Wells Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1935 - 1935
8. The depth of water table 25 feet #1 28 ft #2
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 casings (DATA)  
#1 6 inch pipe #2 6 inch pipe  
#1 depth 30 feet #2 depth 35 feet
10. The estimated amount of groundwater withdrawn each year #1 10,000 gal per year #2 same
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 N.A.

Signature of Owner

Date 29 June 1973

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.

55487

3373

State of Montana }  
County of Gallatin } ss.  
Filed June 29, 1973  
at 4:20 o'clock P.M.  
Carl L. Stanley  
County Clerk & Recorder  
By Alta Bengaw  
Deputy  
Fee \$ 20.00

## GROUNDWATER INDEX

Page 1 of 6

County Malheur Twp. 125 Rge. 6E

[illegible]

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

DEC 15 1970

**DRILLER'S LOG**

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

**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962

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

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

Owned by Junior W. and/or Elizabeth A. Tschache  
Address 103 So. 8th Bozeman  
Montana  
Date well started Nov. 13, 1970  
completed Nov. 23, 1970

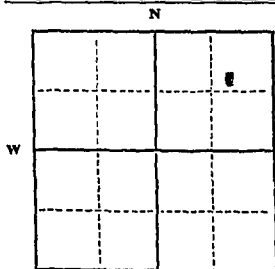
For Administrator's Use	
File	<u>2234</u>
	<u>December 14, 1970</u>
	<u>9:15 P.M.</u>
GW 1	

Type of well Drilled  
(Dug, driven, bored or drilled)  
Equipment used Churn Drill  
(Churn drill, rotary or other)  
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

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

**ESTIMATED ANNUAL WITHDRAWAL**

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in.	6 5/8" 00. 17#	1 above Ground	73 1/2	-	-	-



E 1/4 NE 1/4 Sec. 27  
T. 14 S. R. 6 E  
12 S

Static water level 10 ft.\*  
Pumping water level 73 1/2 ft.\*  
at 30 gallons per minute,  
measured 25 minutes after pumping began.  
\*Measured from ground level.  
Well developed by Pump  
for 1 hr. 5 min. hours.  
Power Pump HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature Donald C. Jones  
Driller's Address 2107 Bridger Dr.  
Bozeman, Montana LICENSE NO. 17

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	15	Top Soil + Clay
15	27	Gravel
	10	Static water level
27	44	Gravel bound in Clay
44	54	Clay
54	57 1/2	Gravel bound in Clay
57 1/2	58	Sand + Gravel
58	68	Gravel bound in Clay
68	68 1/2	Sand + Gravel
68 1/2	73	Gravel bound in Clay
73	73 1/2	Sand + Gravel
	73 1/2	Bottom of well

Show exact depth of bottom

477903

2334

State of Montana }  
County of Gallatin } ss.

Filed Dec 14, 1970

at 2:15 o'clock A.M.

Carl L. Stucky

County Clerk & Recorder

By Alta M. Hargrave

Deputy

Fee \$ 20.00



125-6E *Yellowstone*  
County *Yellowstone* 27

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

RECEIVED

DEC 15 1970

DRILLER'S LOG

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

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

Owner *Yellowstone*  
Address *Yellowstone*  
Date well started *Nov. 23, 1970* GW 1  
completed *Dec. 4, 1970*

For Administrator's Use	
File	<i>2235</i>
	<i>December 14, 1970</i>
	<i>9:20 a.m.</i>

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

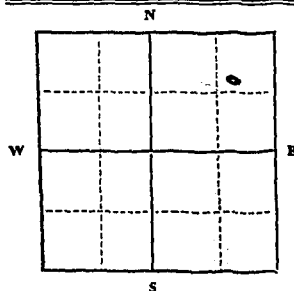
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<i>6 in.</i>	<i>6 5/8" OD. 17#</i>	<i>1 1/2 above Ground</i>	<i>80 1/2</i>	—	—	—



Static water level *14* ft.\*  
Pumping water level *81 1/2* ft.\*  
at *12* gallons per minute,  
measured *60* minutes after pumping  
began.

\*Measured from ground level.

Well developed by *Pump*

for *1* hours.

Power *1* Pump *1* HP

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

*E 1/2 NE 1/4 Sec 27*  
*T 12 N R 6 E*  
*12 S*

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

Driller's Signature *Donald C. Jones*

Driller's Address *2107 Bridger Dr.*

*Bozeman, Montana* LICENSE NO. *17*

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
<i>0</i>	<i>2</i>	<i>Top Soil &amp; Clay</i>
<i>2</i>	<i>21</i>	<i>Gravel</i>
<i>21</i>	<i>28</i>	<i>Static water level</i>
<i>28</i>	<i>52</i>	<i>Sand &amp; Gravel with Clay</i>
<i>52</i>	<i>56</i>	<i>Gravel bound in Clay</i>
<i>56</i>	<i>75</i>	<i>Sandy Clay</i>
<i>75</i>	<i>81</i>	<i>Gravel bound in Clay</i>
<i>81</i>	<i>81 1/2</i>	<i>Sand &amp; Gravel</i>
<i>81 1/2</i>	<i>Bottom of well</i>	

Show exact depth of bottom

*49902*

2335

State of Montana } ss.  
County of Gallatin }

Filed Dec 14, 1970  
at 9:20 o'clock A.M.

Carl L. Stucky  
County Clerk & Recorder

By Alta M. Hansen  
Deputy

Fee \$ 2.00 Ad.

Kennedy, Charles R.  
12S 6E Sec. 15  
Wyoming  
Not  
Mont.

Wyoming  
Not

Montana County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
BY WATER RESOURCES BOARD

GROUNDWATER APPROPRIATION WITHOUT WELL  
Completed 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 # 3063 April 10, 1962

10:45 a.m.

GW 1

Owner Charles R. Kennedy and Rebecca Kennedy

Address Salt Lake City, Utah

Contractor (if any) Wells Construction Company.

Address of Contractor Route # 3 Bozeman, Montana.

Date Started In use 15 years Date Completed Same

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.) Pressure pump

3. Depth of water table Approx. 12 feet

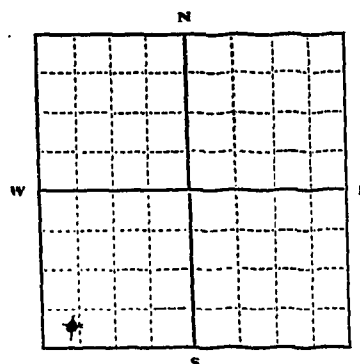
4. Use of the water drinking and lawn irrigation

5. Amount of groundwater claimed (in miner's inches or gallons per minute) All or approx. 40 Gals.

6. If used for irrigation, give number of acres and description of land lawn irrigation only possibly four or five acres.

7. Estimate amount of water used each year Variable

8. Months of year spring flows All year 12 months



SW 1/4 SW 1/4 Sec. 15

T. 12 S. R. 6 E.

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

Approx. 6670

Signature of Owner

Date

50,185

50,185

# 3063

State of Montana }  
County of Gallatin } ss.  
Filed April 10, 1972  
at 10:45 o'clock a.M.  
Carl L. Stucky  
County Clerk & Recorder  
By Frank B. Bridges  
Deputy  
Fee \$ 2.00 pd.

Department of Natural Resources and Conservation  
Water Resources Division  
Engineering Bureau  
Groundwater Section  
Sam W. Mitchell Building  
Helena, Montana 59601

Owner Mr. Charles R. Kennedy  
Address Salt Lake City, Utah  
Location T. 12S R. 6E Sec. 15  
Doc. No. #3063

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide, as indicated in red on the attached form, the month and year the spring development was started and completed; describe in item 1 the means or method used to develop the spring; and check the location (T 12N, R 6E) as stated. There is no location of T 12N, R 6E in Montana.

Thank you.

RECEIVED

JUN 13 1962

MONTANA DEPARTMENT OF NATURAL RESOURCES

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 # 3063 April 12, 1972

10:45 a.m.

GW 1

Owner Charles R. Kennedy and Rebecca Kennedy

Address 511 Lake City Trail

Contractor (if any) Wells Construction Company.

Address of Contractor Route # 3 Bozeman, Montana.

Date Started In use 15 years Date Completed Same

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

How developed?

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

Pressure pump

3. Depth of water table Approx. 12 feet

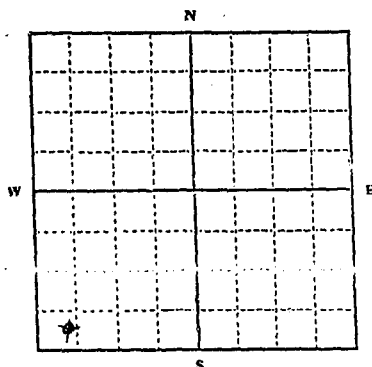
4. Use of the water drinking and lawn irrigation

5. Amount of groundwater claimed (in miner's inches or gallons per minute) All or approx. 40 Gals.

6. If used for irrigation, give number of acres and description of land Lawn irrigation only possibly four or five acres.

7. Estimate amount of water used each year Variable

8. Months of year spring flows All year 12 months



SW 1/4 SW 1/4 Sec. 15

T. 12 N. R. 6 E. S. 6

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

Elevation of spring, if known or estimated Approx. 6670

Signature of Owner

Date

## GROUNDWATER INDEX

Page 1 of 4

County Gallatin Twp. 13 S Rge. 4 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	United States of America By: Supervisor, Gallatin National Forest	H N 4	711	-
9	U.S.A. by Supervisor, Gallatin National Forest	H N 4	718	-
20	Lewis Robert F.	H N 2	1920	-
20	McNeil Mill	H N 3	664	-
20	McNeil Mill	H N 2	553	-
21	Regley James W.	H N 2	2034	-
21	Brooks Charles E.	H N 2	2017	-
21	Cassady Eva	57 Mill Log	-	-
21	Coffey Jackie	H N 2	2167	-
<del>21</del>	<del>Deep Well Ranch</del>	<del>H N 2</del>	<del>526</del>	-
21	Helppes Dan Mr.	57 Mill Log	151	-
21	Kephart A. Cran and Kephart John W. dba Bar N. Ranch	H N 2	527	-
21	Martinson Pierre	H N 2	1936	-
21	Nagler Lester R.	H N 2	3015	-
21	Nelson Bethie	H N 2	3019	-
	Nelson Luther			
21	Petersen Adolph	H N 3	2152	-
21	Schul. Dist. No. 69	H N 2	2188	-
21	Dr. Thompson W. L.	H N 2	1928	-
23	Ackerson Raymond O.	H N 2	3352	-
23	Chenault Chester B.	H N 2	3351	-
23	Deep Well Ranch Inc.	H N 2	2273	-
23	Gillespie La Verge	H N 2	3353	-
23	Gillespie La Verge	H N 2	1932	-
23	Perkins Carl D.	H N 2	2126	-
34	Lapp Allan & Lapp Wanda M.	H N 2	782	-
34	West Yellowstone Branch Church of Jesus Christ of Latter Day Saints	57 Mill Log	30617	-
?	Deep Well Ranch	GW 2	526	-

File No. ....

DUPLICATE

T 13S R 4E

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
OCT 1 1963

Declaration of Vested Groundwater Rights

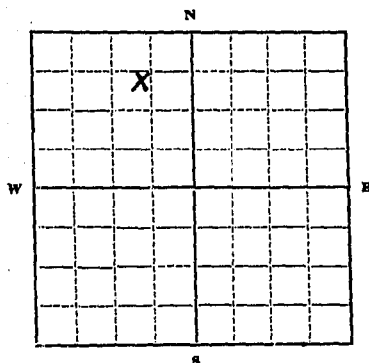
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

United States of America

1. By: Supervisor, Gallatin National Forest, of 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:



Sec. 1, NW 1/4, Sec. 1, T13S, R4E.

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  
consumption and operation of resort under special use  
permit from the U. S. Forest Service  
3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been 1960, July, continuous use to date  
for 4 month season of use each year

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 20 gallons a minute

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

6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal  
pressure pump, NE 1/4, Sec. 1, T13S, R4E

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater July, 1960, exact dates unknown

8. The depth of water table Fluctuates from 30' to 50' with the seasons

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, 320' deep

10. The estimated amount of groundwater withdrawn each year 70,000 gallons

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

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 unknown

Signature of Owner

Date SEP 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.

6123



#711

State of Montana }  
County of Gallatin } ss.

Filed Sept. 30, 1963  
at 11:07 o'clock A. M.

EARL WALTON

COUNTY CLERK & RECORDER

By Donald A. McNeill  
DEPUTY

Fee \$ 2.00

File No. ....

T. 13 S. R. 4 E

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

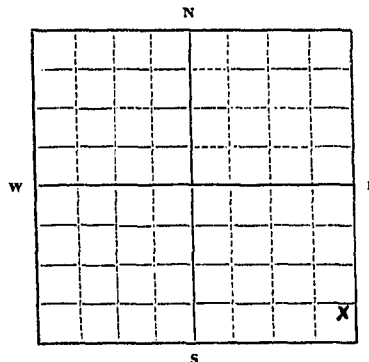
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
OCT 1 1963  
STATE ENGINEER

United States of America:

1. By: Supervisor, Gallatin National Forest, of 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:



SE 1/4, SE Sec. 9, T13S R4E

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1912, continuous to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 gallon 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 open springs, SE 1/4 SE Section 9, T13S, R4E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. not applicable

8. The depth of water table. not applicable

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. not applicable

10. The estimated amount of groundwater withdrawn each year. 2,000 gallons

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

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. unknown

Signature of Owner

Date

SEP 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.

6130

#718

State of Montana }  
County of Gallatin } ss.

Filed Sept. 30, 1963

at 11:14 o'clock A. M.

EARL WALTON

COUNTY CLERK & RECORDER

By Lowell A. Madwell

DEPUTY

Fee \$ 2.00

File No. ....

STATE WATER CONSERVATION BOARD

**R E C E I V E D**  
JUL 26 1965

T 135 R 4E 20

DUPLICATE

County Gallatin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

REFERRED TO .....

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

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

(Under Chapter 237, Montana Session Laws, 1961)

0-2 top soil

Owner Robert F. Gosin Address West Yellowstone, Mont.Driller Carl F. Hollensteiner Address Dillon, MontanaDate of Notice of Appropriation of Groundwater \*\*\*\*\*

20 52 broken rock, clay  
some boulders  
water on top of rock  
52 1/2 solid rock

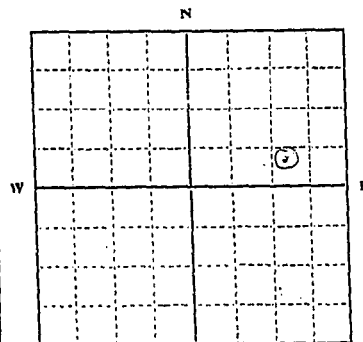
Date well started July 3, 1965 Date Completed July 9, 1965

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"	6" std. blk. 1 1/2 down 18.97 lb. seamless domestic		51 1/2	None		



Section 20 T 135 R 4E  
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 46 1/2 feet.Shut-in Pressure for Flowing Well 46 1/2 feet.Pumping Water Level 46 1/2 feet at 6 gal. per minute.Discharge in gal. per min. of flowing well 46 1/2How Tested test pump Length of Test 1 hr.

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

acres irrigated, if used for irrigation) this well hasvery shallow depth of water but willproduce up to 12 g.p.m. with submersiblepump. Pumped for at least 1 hr. holds asteady at 6 g.p.m. License No. 9

Driller's License Number

*Carl F. Hollensteiner*  
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.

39329

1920

State of Montana } ss  
County of Gallatin

Filed July 14 1965  
at 1:25 o'clock P. M.

By Paul L. Stucky  
COUNTY CLERK & RECORDER  
DEPUTY  
Fee 257.00

File No. ....

DUPLICATE

T. 13

R. 46

County

Gallatin

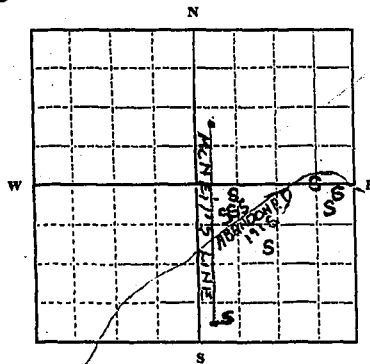
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JUL 11 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

"S" indicates springs  
heading on higher  
Lodge Property  
approximately 1/2 mile  
streams from springs  
on property also.



1/4 Sec 20 T 13 S R 4 E  
Indicate point of appropriation  
and place of use, if possible.

Date of Appropriation of Groundwater

July 1937

Owner

Nell McNeil

Address

West Yellowstone

Contractor (if any)

Address of Contractor

Date Started

1937

Date Completed

1937

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

From Basin was at  
Head of Deer Creek

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

in SE 1/4 Sec 20 T 13 S R 4 E

50 inches used year round  
for domestic & irrigation

Signature of Owner

Nell McNeil

Date June 23, 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.

665

664  
665

State of Montana ss.  
County of Gallatin )  
Filed July 8, 1906  
at 2 48 o'clock P.M.  
Earl Walton  
COUNTY CLERK & RECORDER  
By \_\_\_\_\_  
Fee \$ 20.00 DEPUTY

File No. 2T 13 S R 4 E

DUPLICATE

County GALLATINSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER

NOV 13 1962

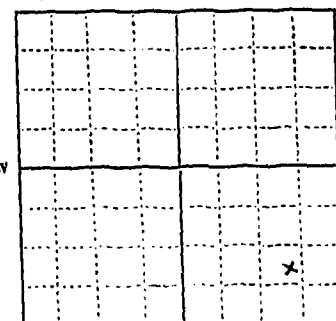
Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner McNeil Address West YellowstoneDriller Van Dyken Drilling Co. Address BozemanDate of Notice of Appropriation of Groundwater noneDate well started June 27/62 Date Completed June 29/62Type of well Drilled Equipment Used Cable tools  
(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	6 5/8 A.D. 17 # P.E	2' above	51	none		



NE 37 45 S  
1/4 Sec. 20 T13S R4E  
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 16 feet.Shut-in Pressure for Flowing Well nonePumping Water Level 31 feet at 15 gal. per minute.Discharge in gal. per min. of flowing well noneHow Tested Bailer Length of Test 1 hr

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

acres irrigated, if used for irrigation)

well used for service stationLicense No. 1  
Driller's License NumberBert Van Dyken  
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.

2483



State of Montana } ss.  
County of Gallatin }

Filed Nov 9, 1962  
at 8<sup>10</sup> o'clock A M.

Carl Walton  
COUNTY CLERK & RECORDER

By Sgt. J. Morrow  
DEPUTY

Fee \$ 2.00

File No. STATE WATER CONSERVATION BOARD

T. 13S R. 4E

DUPLICATE

SEP 12 1966

County Gallatin

LOG

Bills McDermott

Butzerin McNulty

Coyle Morton

Darlington Sullivan

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

Overburden

(Elev. above sea level)

Shale

Sandstone

Shale

Sandstone

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# Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner James W. Begley Address West Yellowstone

Driller M.E. Jones Address Bozeman

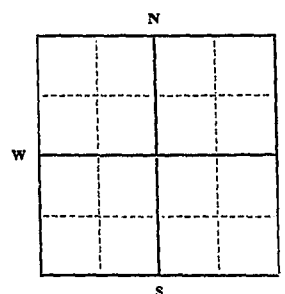
Date of Notice of appropriation of groundwater

Date well started Aug 17, 1966 Date completed Aug 19, 1966

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"	6" ID x 19"	1' 6"	11' 5"	1/2"	40'	135'
	5' 6" x 20"	5'	136'	1/2"		



Static Water Level for non-flowing well 75 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 135 feet

at 8 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bail

Length of Test 1 Hour

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff)

1/4 Sec. 21, T. 13S, R. 4E  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Lot 48, Lazy Acres Subdivision

(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

Milton E. Jones

Driller's Signature

2034  
#2034

State of Montana } ss.  
County of Gallatin  
Filed Sept. 8, 1966  
at 10:30 o'clock a.m.  
Carl L. Stucky  
County Clerk & Recorder  
By Harold A. Maxwell  
Deputy  
Fee \$ 2.00

JUL 22 1966

News, Malta

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

Billie \_\_\_\_\_ McDermott \_\_\_\_\_  
 Butzerin \_\_\_\_\_ McHally \_\_\_\_\_  
 Coyia \_\_\_\_\_ Morrison \_\_\_\_\_  
 Darlington \_\_\_\_\_ Sullivan \_\_\_\_\_  
 Dickert \_\_\_\_\_

T 135 R 4E 21

County Gallatin

DUPLICATE

Top of Ground

(Elev. above sea level \_\_\_\_\_)

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)

0' 7' Soils and clays.  
 7' 42' Claybound gravels and boulders.  
 42' 87' Hard buff shale.  
 87' 111' Hard red shales.  
 111' 113' Hard sandstone.  
 113' 123' Softer sandstone.  
 123' 141' Hard shale. dry.  
 141' 142' Soft sandstone.  
 Water.

Owner Chas. E. Brooks Address West Yellowstone, Mont.  
 Driller Van Dyken Drilling Co. Address Bozeman, Mont.

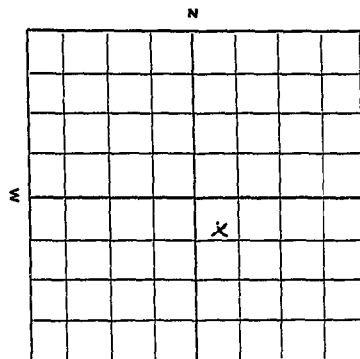
Date of Notice of appropriation of ground water noneDate well started May 26/64 Date Completed June 5/64

Type of well Drilled Equipment used Cable tools  
 (dug, driven, bored or Churn, drill, rotary or  
 drilled) 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. 17# per ft. Prime steel	0	42'	none		



SE 1/4 Sec 21 T13S R4E  
 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 117' feet.Shut-in Pressure for Flowing Well nonePumping Water Level 119' feetat 20 gal. per minute.Discharge in gal. per min. of flowing well noneHow Tested BailerLength 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)

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 School of Mines and Quadruplicate for Appropriator.

41239

# 20.17

State of Montana } ss.  
County of Gallatin }

Filed July 18, 1966  
at 8:25 o'clock A. M.

Carl L. Stucky  
County Clerk & Recorder

By Laurel A. Maxwell  
Deputy

Fee \$ 2.00

Form No. 18  
8-60

21

T. 13 South R. 4 East  
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 4 1961

WATER WELL LOG

STATE ENGINEER


Owner Eva, Cassidy Address Box 397, Glendale, Ohio

Driller Carl F. Hollensteiner Address Dillon, Montana

Date Started Oct. 10, 1960 Date Completed Oct 14, 1960

Location: Sec. 21 T. 13 South R. 4 East  $\frac{1}{4}$  sec. Lot 4-50 of Lagny  
16-16 Subdivision  
Gallatin Co. Montana

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

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other 2' above

Casing: surface ft. to 135 ft. Type Galv. 10 1/2 lb Size 6" O.D. Water well

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 None

Static Water level, for non-flowing well: \_\_\_\_\_ 107 feet.

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

Pumping water level 125 feet at \_\_\_\_\_ gal. per min. \_\_\_\_\_

How tested: Bailer

Length of test 1 hr

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

(over)

## Log of Well

[illegible]

File No. ....

DUPLICATE

MONTANA WATER RESOURCES BOARD

**RECEIVED**

LOG

JUN 17 1968

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

T. 138 R. 4E 21

County, Gallatin

Top of Ground

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

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

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

0-4 surface dirt (Black loam) Owner Jackie Coffin Address West Yellowstone, Mont.Driller Carl F. Hollensteiner Address Dillon, Mont.Date of Notice of appropriation of groundwater \*\*\*\*4-50 yellow clay & broken  
rockDate well started May 13, 1968 Date completed May 14, 1968Type of well Drilled Equipment used Churn Drill  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

40-52 grey clay &amp; sand

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.

52-71 grey rock

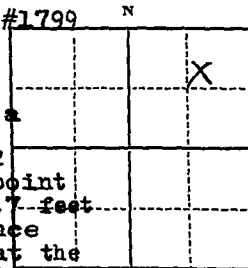
71-71½ black silt &amp; sand

finished at 71½ ft.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 18.97 lb. Black ERW	1' up	71½	None		

Beginning at west fence line

of Heben Lake Road 6.5' west & 125' north of Pole #1799 N  
M.S.T.&T. Co., thence north 90° 00' West 300' to a 5/8" iron pipe, thence South 00° 10' West 125' to a 1/2" pipe, thence South 90° 00' East 300' to a 1/2" inch eye rod marking the point of beginning situated 1082.7 feet North 00° 10' East along fence from station 115--75.58' at the center of Targhee-Yellowstone highway. The point of beginning also being situated North 90° 00' West 1339.7 feet and South 00° West 1184.4 feet from the Northeast corner of section 21, Township 13 South, Range 4 East, M.P.M.

Static Water Level for non-flowing well 51½ feet.Shut-in Pressure for Flowing Well \*\*\*Pumping Water Level 6½ feetat 15 gal. per minute.Discharge in gal. per min. of flowing well \*\*\*\*How Tested BallorLength of Test 1½ hr.Remarks: (Gravel packing, cementing, packers, type of shutoff) \*\*\*\*\*

(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. 9

Driller's License Number

  
Driller's Signature.

44208



#7167

State of Montana }  
County of Gallatin } ss.  
Filed June 6, 1968  
at 2:30 o'clock P.M.  
Carl L. Stucky  
County Clerk & Recorder  
By Ann M. Mayne  
Deputy  
Fee \$ 2.00

Form No. 18  
8-60

21

T. 13S R. 4E  
County Glacier

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
FEB 7 1961

WATER WELL LOG

STATE ENGINEER


Owner Helppie Address West Yellowstone, Mont  
Mr. Carl Helppie  
Driller Carl P. Hollenstainer Address Dillon, Montana  
Date Started July 5, 1960 Date Completed July 11, 1960  
Location: Sec. 21 T. 13S R. 4E  $\frac{1}{4}$  sec. 3 ACRES

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 121 1/2 ft. Type Galv water well Size 6" O.D. 10 1/2 lb

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 None

Static Water level, for non-flowing well: \_\_\_\_\_ 90 feet.

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

Pumping water level 125 feet at 2 gal. per min. \_\_\_\_\_

How tested: Bailer

Length of test 1 hr

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

(over)

## Log of Well

[illegible]

GW 2

File No. ....

DUPLICATE

RECEIVED  
SEP 4 1962

T 135 R 4 E

County Gallatin

STATE ENGINEER

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

A. Evan Kephart

Owner Bar N RanchAddress West Yellowstone,Driller Carl F. HollenstainAddress Dillon, Mont.

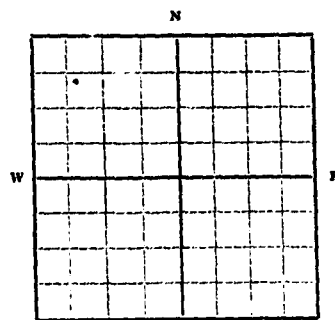
Top of Ground

(Elev. above sea level. 6653)gravel & yellow clay  
to 25 ft  
some boulders.Date of Notice of Appropriation of Groundwater \*\*\*Date well started Aug. 13, 1962 Date Completed Aug. 21, 1962Type of well Drilled  
(dug, driven, bored or  
drilled)Equipment Used Churn Drill  
(Churn, drill, rotary or  
other)gray silt or clay  
to 70'Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☒ Test wellshale to 135  
(good water bearing)

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.

yellow clay to 200 ft  
small sandy layers  
6"

Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
Kind Size	From (Feet)	To (Feet)			
6" I.D. Black 18.97 lbs	3' Above surface	92'	None		



SE 1/4 NE 1/4 Sec. 21, T.135 R.4E

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

Show exact depth of bottom. T.135 R.4E.

Static Water Level for non-flowing Well 48' feet.Shut-in Pressure for Flowing Well \*\*\*Pumping Water Level 53 feet at 30 gal. per minute.Discharge in gal. per min. of flowing well \*\*\*How Tested Bailer Length of Test 2 hr.

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

This well was drilled and cased to 200 ft.

As we ended in a clay bed the casing was pulled back to 92' Much of the uncased hole caved.

Montana Water well Construction Form #9

Driller's Signature

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

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

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

2024