

RECEIVED  
JUN 28 1972

County Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

Owner D.E. Peterson

Address 2143 Eldorado Dr  
Billings, Mont

Date well started 6/1/72  
completed 1/18/72

Type of well DRILLED

Equipment used CABLE

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

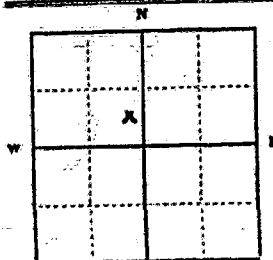
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

\*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 250,000 gals

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
7"	17-874 6 3/8"	0	65	Kind Size cut 1/4 56 63



R 2 SE 1/4 NW 1/4 Sec 36  
T. 1 N. R. 25 E

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

Driller's Signature Tom T. Langer

Driller's Address 1085 WINE MILLER LANE

BILLINGS MONT LICENSE NO. 188

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	TOP SOIL
2	44	SANDY CLAY
44	48	SAND GRAVEL
48	65	SAND
		WATER AT 62 35.961
		PER MIN

Static water level 35 ft.  
Pumping water level 315 ft.  
at 3.5 gallons per minute,  
measured 3 minutes after pumping  
began.

\*Measured from ground level.  
Well developed by DRILLED  
for 1 hours.

Power 1 HP Pump 1 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

PIPE SHOE USED  
1" OF GRAVEL PUT IN  
PIPE  
EXT. 1" AGUE  
GROUND

Show exact depth of bottom

50,755

910160

Engineering Bureau  
Groundwater Section  
Sam W. Mitchell Building  
Helena, Montana 59601

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 ground-water right.

Special Instructions:  
Please indicate on the attached form whether or not the correct Township location is on North or one South.

Thank you.

Owner D.E. Peterson  
Address 2143 E. Colorado Dr.  
Location Helena, Montana 59101  
Doc. No. 910160

STATE OF MONTANA } ss.  
County of Yellowstone.  
This instrument was filed in my office  
this 26 day of NOV 1972 at 8:03 o'clock A.M.  
By Marshall H. Lambert Clerk & Recorder  
Deputy

2a

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 D. E. Peterson

Address 2143 Eldorado Dr

Billings, Mont

Date well started 6/1/72

completed 6/14/72

Type of well DRILLED

Equipment used CABLE

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

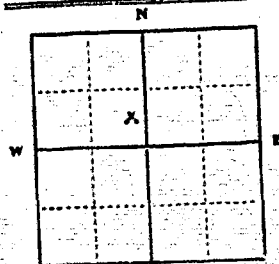
Industrial ☐ Drainage ☐ Other ☐ \* Garden/Lawn ☒

\*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 250,000 gals

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	Kind Size	From (Feet)	To (Feet)
7"	17-874 6 3/4"	0	65	cut 4"	56	63



7 SE 1/4 NW 1/4 Sec. 36  
T. 1 N. R. 25 E.

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

Driller's Signature

Driller's Address

Billings, Mont

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)	
From (Feet)	To (Feet)
0	2
2	44
44	48
48	65
WATER AT 33 GALLONS PER MINUTE	

Static water level 38 ft.  
Pumping water level BAILED ft.  
at 33 gallons per minute,  
measured        minutes after pumping began.

\*Measured from ground level.  
Well developed by 6014.12  
for 7 hours.

Power        Pump        HP

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

5 INCH SHT. USED

1 INCH SHT. USED

3 INCH SHT. USED

3 INCH SHT. USED

3 INCH SHT. USED

Show exact depth of bottom

50.755

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 D.E. Peterson

Address 2143 Eldorado Dr

Billings, Mont

Date well started 6/1/72

completed 6/1/72

Type of well DRILLED

Equipment used CABLE

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

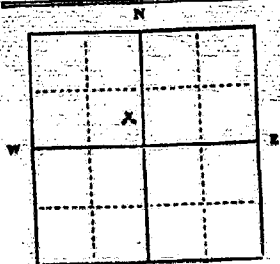
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

\*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 250,000 gals

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	Kind Size	From (Feet)	To (Feet)
7"	17-874 6 3/8"	0	65	4" CUC 4"	56	63



7 E 1/4 Sec 36  
T. 1 N. R. 25 W.

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

Driller's Signature

Driller's Address

1035 WINE AVE  
BILLINGS MONT

LICENSE NO. 188

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	TOP SOIL
2	44	SANDY CLAY
44	48	SANDY GRAVEL
48	63	SAND
		WATER AT 63 35 GALS PER MIN

Static water level 35 ft.  
Pumping water level 35 ft.  
at 35 gallons per minute,  
measured 35 minutes after pumping  
began.

\*Measured from ground level.  
Well developed by DRILLED  
for 7 hours.

Power 7 HP

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

DRIVE SHAFT USED  
1. 4" GALVANIZED PIPE  
2. 1" GALVANIZED PIPE  
3. 1" GALVANIZED PIPE  
4. 1" GALVANIZED PIPE

Show exact depth of bottom

50,255

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELLS

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 <u>Dorothy L. McLean</u>	For Administrator's Use
Address <u>1818 3rd St B</u> <u>Bluffs, Mont</u>	File <u>438558</u> <u>6-29-73</u>
Date well started <u>1968</u>	GW 1 <u>436 p. 121</u>
completed <u>Amot</u>	

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

Equipment used Post boxes  
(Churn, drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

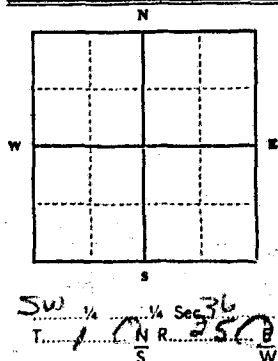
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

\*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). 241235-Blk 1 Robert L.

ESTIMATED ANNUAL WITHDRAWAL 100.00 Gal

Size of Drilled Hole	Size and Weight of Casting	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	4"	0	25			



Static water level ..... 15 ..... ft.  
Pumping water level ..... 13 ..... ft.  
at ..... 15 ..... gallons per minute,  
measured ..... minutes after pumping  
began.

\*Measured from ground level.

Well developed by .....  
for ..... 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 \_\_\_\_\_

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.

[illegible]

Show exact depth of bottom

55121  
~~55122~~

938558

STATE OF MONTANA, } ss.  
County of Yellowstone, }

This instrument was filed in my office  
this 28 of 1913

at 4:26 o'clock P. M.

MERRILL M. KLUNDT  
County Clerk & Recorder

By [Signature] Deputy

20

RECEIVED  
MAY 6 1959

STATE ENGINEER  
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

T. 1 N R 25 East  
County Yellowstone

# WATER WELL LOG


Owner Rose Rental Address R R 1 Box 217  
Billings Montana  
Driller P & K Oil Drlg Co Address P O Box 592  
Billings Montana  
Date Started March 12th /59 Date Completed April 1st /59  
Location: Sec 36 T 1 N R 25 E  $\frac{1}{4}$  sec SW of SW

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

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

Casing: 9 ft. to 25 ft ft. Type 10 1/2 O D Size Well Casing  
Casing: 0 ft. to 38 ft ft. Type 8 1/2 O D Size Well Casing  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 35 ft to 38 ft Ft. \_\_\_\_\_ to ft. \_\_\_\_\_  
Type of screen or perforations: \_\_\_\_\_

Static Water level, for non-flowing well: 20 ft feet.

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

Pumping water level: 30 ft feet at 25 gal per min

How tested: on Pump  
12 hour

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

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

Cemented Surface String 5 pack.

(over)

### Log of Well

[illegible]

51,206

914229

STATE OF MONTANA } ss:  
County of Yellowstone }  
This instrument was filed in my office  
on AUG 18 1972  
at 1:53 o'clock P  
MERRILL H. REUNDT  
County Clerk & Recorder  
By Paul Dept.  
24

55240

938289

STATE OF MONTANA, }  
County of Yellowstone, } ss.  
This instrument was filed in my office  
this 28 day of 1973  
at 10:18 o'clock A M.  
MERRILL H. KLUND  
County Clerk & Recorder  
By JW Deputy

File No. ....

RECEIVED

JUN 23 1977

T. 1N R. 25E

TRIPLICATE

County Yellowstone

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Ed Reichert Address 2117 Dakota LaneDriller Ed Reichert Address 2117 Dakota LaneDate of Notice of Appropriation of Groundwater March 15, 1972Date well started Feb 1, 1972 Date Completed Mar 15, 1972Type of well Driven Equipment Used Driven  
(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, 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)
3"	3"	0	37	Perforated Point	0	7

Static Water Level for non-flowing Well 9 feet.

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

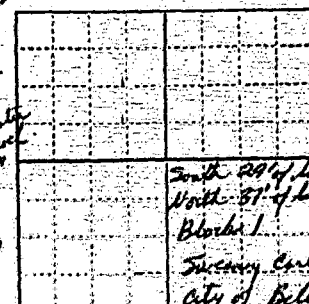
Pumping Water Level 36 feet at 20 gal. per minute.

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

How Tested pumping Length of Test 3 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) .....

city lot

Sec. 36 T. 1N R. 25E

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

Show exact depth of bottom. Doc. No. 910043  
Filed for record this 28th day of June  
A. D. 19 77, at 2:22  
o'clock P. M.None reg'd  
Driller's License Number  
Ed Reichert  
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.

50,665

910043

STATE OF MONTANA }  
County of Yellowstone } ss.  
This document was filed in my office  
this JAN 22 1972 at 2:22 o'clock P M.  
Notary Public for Montana  
By [Signature] Deputy

200

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 Guy Reese  
Address 1752 Cotton  
Belling, Mont  
Date well started June 25, 1973  
completed June 25, 1973

For Administrator's Use	
File	<u>938012</u>
GW 1	<u>June 25, 1973</u>
	<u>12:52 P.M.</u>

Type of well Driven  
(Dug, driven, bored or drilled)  
Equipment used mechanical  
(Cable drill, rotary or other)

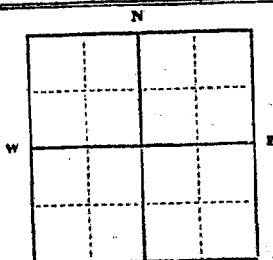
Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

\*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) Robert Sub. 4th filing Lot 1, Block 20

ESTIMATED ANNUAL WITHDRAWAL 400,000 gpd

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS:
<u>2 1/2"</u>	<u>2 1/2"</u>	<u>0</u>	<u>25</u>	<u>driven well</u> <u>blasted point</u>



T. 7.5 N. R. 36  
E. 25 W. 25

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

Driller's Signature Ernest Pippitt  
Driller's Address 2022 Miller Ave.

LICENSE NO. 25 ft Show exact depth of bottom

County Yellowstone  
DRILLER'S LOG

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

Top of Ground: (Elev. above sea level)	
From (Feet)	To (Feet)
	<u>clay</u>
	<u>gravel</u>
	<u>16'8" water level</u>
	<u>25' bottom</u>

5-4298

938012

STATE OF MONTANA  
County of Yellowstone  
JUN 28 1973  
12:52 P

CBAB

PJ

File No. 3

STATE WATER CONSERVATION BOARD

T. 1" R. 25 East

DUPLICATE

RECEIVED  
SEP 1 1965County Yellowstone

LOG

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

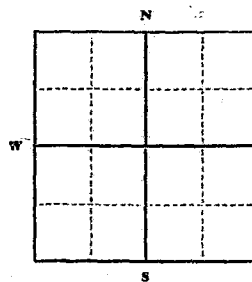
Owner Garth Rincher Address 2019 Ave. B Billings, Mont.Driller K. C. Cumins Address Bagel's, Mont.

Date of Notice of appropriation of groundwater

Date well started Aug. 16, 65 Date completed Aug. 19, 65Type 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		
8"	8" 19#	0'	26'	Kind Size	From (Feet)	To (Feet)
				0	0	0

Static Water Level for non-flowing well 11' 9" feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 10' feetat 15 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BailerLength of Test one hour

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

W/2 Sec. 26 T. 1. N. R. 25 E

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

(Continue on reverse side)

26' Total depth  
gravel level

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).

WEST 30' OF LOT 5, EAST 30' OF LOT 6  
BLOCK 3, BLOCK SUBDIVISION

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 143Driller's Signature K. C. Cumins

39501

761550

STATE OF MONTANA,  
County of Yellowstone,

This instrument was filed in my office  
this 31 day of Aug 1965  
at 9.42 A M.

County

Jaw  
22

County

Show exact depth of bottom



938140

STATE OF MONTANA, }  
County of Yellowstone, } ss.  
This instrument was filed in my office  
this 28 day of June 1973  
at 3:30 o'clock P.M.  
MERRILL H. KLUNDT  
County Clerk & Recorder  
By J. Sullivan Deputy  
J. Sullivan

County

(Elev. above sea level)

55241

938279

STATE OF MONTANA, } ss.  
County of Yellowstone, }  
This instrument was filed in my office  
JUN 29 1973  
this \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_  
at 10:17 o'clock \_\_\_\_\_ A.M.  
MERRILL H. KLUNDY  
County Clerk & Recorder  
By \_\_\_\_\_ Deputy

20



911343

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 11-11-80 BY 1043 JST/STP

STATE OF MONTANA  
County of Yellowstone

JUN 11 1972

2:40 P.M.

By *[Signature]*

*[Signature]*

54103

937860

STATE OF MONTANA. } 63.  
County of \_\_\_\_\_  
This instrument was filed in my office  
on JAN 27 1973 at 4:10 P.<sup>m</sup>  
By [Signature] Deputy  
[Signature]

53, 577

936525

STATE OF MISSISSIPPI  
County of Jefferson  
This instrument was recorded in my office  
on 11 14 1973

at 11:20 A.M.

By [Signature] Deputy

20

County Yellowstone

5,175

913976

STATE OF MONTANA, } ss.  
- County of Yellowstone, }  
This instrument was filed in my office  
this AUG 16 1972 19  
at 9:35 o'clock A M.  
MERRILL H. FLINDT  
County Clerk & Recorder  
By [Signature] Deputy  
24





938375

STATE OF MONTANA, } ss.  
County of Yellowstone, }

This instrument was filed in my office

this JUN 28 1972 day of 19

at 6 o'clock M.

MERRILL M. KLUNDT

County Clerk & Recorder

By \_\_\_\_\_ Deput

File No. ....

DUPLICATE

T. .... R. ....  
County YellowstoneSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER**Notice of Completion of Groundwater  
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

Doc. No. 897921

Filed for record

this 30 day of DecemberA. D. 19 71 at 8:07o'clock A M.Owner Herbert J. Wright Address 1731 Avenue B  
Shirley N. Wright Billings, MontanaDriller L S D Drilling Address Billings, Montana

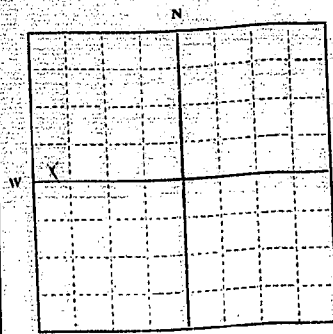
Date of Notice of Appropriation of Groundwater.....

Date well started..... Date Completed.....

Type of well.....  
(dug, driven, bored or  
drilled)Equipment Used.....  
(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)
3"	3"		22 Ft.			

E 1/4 Sec. 36 T. 1 N. R. 25 E  
Indicate location of well and  
place of use, if possible. Each  
small square represents 10 acres.  
*city lot*

Show exact depth of bottom.

Static Water Level for non-flowing Well..... 22 ..... feet.

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

Pumping Water Level..... 22 ..... feet at 20 ..... gal. per minute.

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

How Tested..... Pump..... Length of Test..... 1 Hour

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

Not Known

Driller's License Number

L S D Drilling Co.

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 P  
Mines and Geology and Quadruplicate for the Appropriator.

49659

897921

Groundwater Section  
Sam W. Mitchell Building  
Helena, Montana 59601

Doc. No. 897921

STATE OF MONTANA  
County of \_\_\_\_\_  
This is to certify that \_\_\_\_\_  
has been duly appointed \_\_\_\_\_  
at \_\_\_\_\_  
By \_\_\_\_\_  
DEC 30 1971

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 indicate, on the attached form, the date the well was started and completed; and the type of well and equipment used.  
Thank you.

RECEIVED  
FEB 9 1972  
MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

\_\_\_\_\_ rising strata and height to which water rises in the well.

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

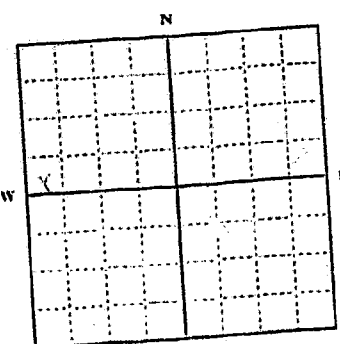
Top of Ground  
 (Elev. above sea level.....)  
 Doc. N. 897921  
 Filed for record  
 this 30 day of December  
 A. D. 19 71 at Billings  
Montana

Owner Herbert J. Wright Address 1731 Avenue B  
Shirley N. Wright Billings, Montana  
 Driller L S O Drilling Address Billings, Montana  
 Date of Notice of Appropriation of Groundwater.....  
 Date well started 7/20/71 Date Completed 7/23/71  
 Type of well Driven Equipment Used Pile Driver  
 (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)
3"	3"		22 Ft.			



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..... 22 feet.  
 Shut-in Pressure for Flowing Well.....  
 Pumping Water Level..... 22 feet at..... 20 gal. per minute.  
 Discharge in gal. per min. of flowing well.....  
 How Tested Pump Length of Test 1 Hour  
 Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).....

Not Known  
 Driller's License Number

L S O Drilling Co.  
 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 Mines and Geology and Quadruplicate for the Appropriation

491.59

RECEIVED  
JUL 2 1959

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

T. 18 R. 25 E

County Yellowstone

WATER WELL LOG


Owner James Bishop Address 2520 Coal Lane  
Driller Clyde Sando Address 1141 Miles Ave  
Date Started July 1959 Date Completed July 22, 1959

Location: Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ 1/4 sec. \_\_\_\_\_

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

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

Casing: 0 ft. to 10 1/2 ft. Type black Size 9 in.

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

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

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

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

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

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

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

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

\_\_\_\_\_

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\_\_\_\_\_

(over)

### Log of Well

[illegible]

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

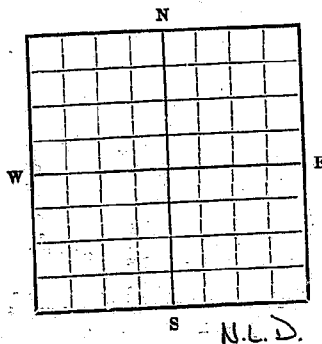
**Declaration of Vested Groundwater Rights** STATE ENGINEER  
(Under Chapter 237, Montana Session Laws, 1961)

T. 1 N R. 25 E

County .....

RECEIVED  
JAN 2 1964

1. CHARLES FRITZ, of 425-17 ST W Billings  
(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:



$\frac{1}{4}$  Sec. T. 1 N R. 25 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 .....  
USE IS FOR WATERING LAWN & ETC.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1955 JUNE  
USE FROM JUNE TO OCT. ABOUT.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) WE HAVE ABOUT 5 FT WATER TABLE
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 ONE CITY LOT 150 X 60 FT  
USED BY CHARLES FRITZ
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
WE HAVE ONE CENTRIFUGAL PUMP WITH ONE H/P MOTOR.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater JUNE 10 - 1955
8. The depth of water table 26 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  
WE HAVE A 4" SAND POINT WITH 26' OF 1 1/2" WATER SECTION LINE IN WELL. THERE IS 9' OF WATER TABLE.
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well if available ABOUT 3' OF TOP SOIL & THE LARGEST PORTION WAS 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 532-436

Signature of Owner

Date

Charles Fritz  
Dec. 31 1963

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

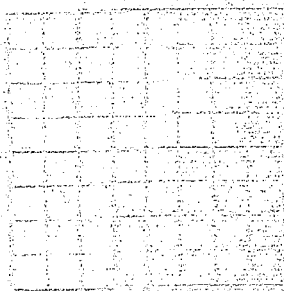
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

18450

721718

STATE OF MONTANA,  
County of Yellowstone,  
This instrument was filed  
at 3:24 DEC 31 1963  
James S. Nathan  
County Clerk & Recorder  
By Paul  
20



721718  
DEC 31 1963  
JAMES S. NATHAN  
COUNTY CLERK & RECORDER

## GROUNDWATER INDEX

Page 1 of 2

County YellowstoneTwp. 1 NRge. 26 E~~Re Faldor #1~~Sections 1 thru 13

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Kaufman, Ryanalt	GW 4	720008	
1	Kaufman, Ryanalt	GW 4	720007	
1	Lilly, Ross & Frieda	GW 2	933691	
1	Storm, Ethel V.	GW 4	7175166	
1	Wise, Robert	GW 2	930987	
1	Wheeler, Francis	GW 2	934657	
2	Allen, Clark W.	GW 4	769002	
2	Keyes, Helen O.	1957 Well Log		
2	Keyes, Helen O.	1957 Well Log		
2	Urban Brothers	GW 4	769364	
4	Sindelar, Dover	1957 Well Log		
6	Aubert, William E.	GW 2	904583	
6	Brown, Robert L.	GW 2	9369316	
6	Byrd, Roscoe C.	GW 2	888884	
6	Chism, Mrs. Ina	GW 2	938571	
6	Christiansen, Hugo	GW 4	721667	
7	Christenson, Duane	GW 2	937092	
7	Sindelar, Dover	1957 Well Log		
8	Collins, Enid L.	GW 4	715715	
9	Crowell, Robert G. & Doris	GW 2	937768	
10	Cox, Verlon & Winnifred	GW 2	908915	
10	Waldhauser, Edward F.	1957 Well Log		
11	Ard, Robert R. & Betty Lou	GW 4	721833	
11	Deverill, Maurice & Patricia	GW 4	721560	
11	Deverill, Maurice & Patricia	GW 4	721559	
11	Doty, Allen W. & Hansen, Alan R.	GW 4	698077	
11	Fisher, B. A.	GW 2	689148	
11	Fisher, B. A.	GW 2	689149	
11	Gabel, Richard W.	GW 2	889547	
11	Glasgow, Mr. & Mrs. Gerald	GW 4	713603	
11	Glasgow, W. J.	GW 4	769346	
11	Grove, Jerry W. & Joanne	GW 2	938256	
11	Hansen, Alan & Doty, Allen	GW 3	698078	
11	Hill, J. R.	GW 2	914440	
11	Lanier, Ross R.	1957 Well Log		
11	Lanier, Velva J.	GW 4	817854	
11	Steele, Blanche L.	GW 4	721592	
11	Unsell, David & Gladys	GW 2	936800	
11	Vegen, Peter Jr.	GW 4	721318	
12	Kembel, Mary E.	1957 Well Log		
13	Carpenter, John H.	GW 4	721134	
13	Dyba, Mr. & Mrs. James P.	GW 2	936160	
13	Foster, Robert	1957 Well Log		
13	Herman, Edwin	1957 Well Log		
13	Herman, Edwin	1957 Well Log		
13	Herman, Edwin G. & Bobbie J.	GW 4	712154	

County Yellowstone Twp. 1 N Rge. 26 E

[illegible]

T. 1N R 26E  
County Yellowstone Billings

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
SEP 13 1961

WATER WELL LOG

STATE ENGINEER


Owner Frank Paugh Address 1908 Bitterroot Dr

Driller Bob Mc Cracken Address 1060 Josephine dr.

Date Started About May 15th. 1956 Date Completed About May 17th.

Lot #6 In Block #1 Country Homes Subdivision  
Location: Sec. T 1N R 26E 1/4 sec. Document #507434

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

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

Casing: 0 ft. to 21 ft. Type Tubing Size " 2 inch

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations Bottom of pipe blown off with dynamite

Static Water level, for non-flowing well: 8 feet of water ~~max~~ in pipe feet.

Shut-in pressure, for flowing well: none lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level 6 feet at 3000 ~~50~~ gal per min.

How tested: with 3000 gal per hour pump 1 minute to fill 50 gal. bbl.

Length of test 3 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
No shut off

(over)

## Log of Well

[illegible]

GW-1

File No. ....

DUPLICATE

T. 14 N. R. 26 E.

County... Yellowstone

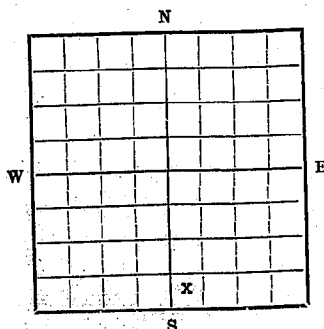
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 13 1963

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

STATE ENGINEER

1. RYANAL T KAUFMAN of Route 3 Billings  
(Name of Appropriator) (Address) (Town)  
County of Yellowstone State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 Sec. 1 T. 14 N. R. 26 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, Dairy, Lawn, Garden Irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been March 20- 1959  
continuous since above date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 52 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 1/8 of one acre  
owner (same)
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal submersible pump located in well casing

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater March 8-1959 - March 10-1959
8. The depth of water table 46 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 52 feet deep with 50 feet of 6 inch O.D. black casing
10. The estimated amount of groundwater withdrawn each year 500,000 gal.
11. The log of formations encountered in the drilling of each well if available  
from 0 ft. to 1 ft. top soil - 1 ft. to 32 ft. brown sticky shale  
32 ft. to 50 ft. boulder sand gravel - 51 ft. dark shale
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
This well is located 75 ft. west of nearest well owned by (same)

Signature of Owner Ryanal T Kaufman

Date

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

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

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

9024

720068

STATE OF CALIFORNIA,  
County of Volcano.

This instrument was filed in my office

DEC 12 1963

1-22 Filed

Robert S. Redding,  
County Clerk & Recorder

*Law*  
101 Deputy

to be returned to the State of California  
Department of Public Safety, 1000  
California Street, Sacramento, California 95832

Reimbursement  
for the State of California

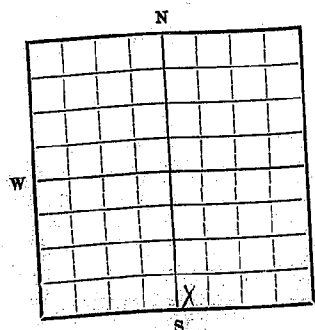
GW-1

File No. ....

DUPLICATE

T. 11 N. R. 26 E. 1  
County YellowstoneSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERRECEIVED  
DEC 13 1963Declaration of Vested Groundwater Rights STATE ENGINEER  
(Under Chapter 237, Montana Session Laws, 1961)

1. RYANAL T. KAUFMAN, of Route 3 Billings  
(Name of Appropriator) (Address) (Town)  
County of Yellowstone State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 Sec. 1 T. 11 N. R. 26 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  
Stock water - other farm use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been May - 1925  
continuous use since above date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 52 gal. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1/8 of one acre
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
centrifugal pump located on top of well casing
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May - 1925
8. The depth of water table 46 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  
52 ft. deep with 50 feet of 6 inch O.D. black casing
10. The estimated amount of groundwater withdrawn each year 1,500,000 gal.
11. The log of formations encountered in the drilling of each well if available  
from 0 to 1 ft. topsoil - 1 ft. to 32 ft. brown sticky shale - 32 ft. to 50 ft. boulder sand gravel - 51 ft. dark shale
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
This well is located 75 feet east of nearest well owned by (same)

Signature of Owner Ryanal T. Kaufman

Date

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

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

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

9023

720007

STATE OF MONTANA  
County of Yellowstone  
This instrument was filed in my office  
this 12 day of DEC 1996  
at 1:31 P M  
James S. [Signature]  
County Clerk & Recorder  
By Jaw Deputy

T. 1N. R. 26E  
County Yellowstone

RECEIVED  
JAN 2 1962

## STATE ENGINEER

	K

Owner Helen O. Karges Address Box 837, Billings  
Driller Clyde Lando Address 141 miles, Billings  
Date Started July 15, 1954 Date Completed Aug. 1, 1954  
Location: Sec. 1 T. 2 R. S.E.  $\frac{1}{4}$  Sec. 2

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

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

Casing: 20 surface ft. to          ft. Type Gal. iron Size bench

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ -ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to Ft. \_\_\_\_\_

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

Static water level, for non-flowing well: 80 ft feet.

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

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

How tested: not tested

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

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

150 ft. deep.

Form No. 18  
8-60

T. 1N R. 26E  
County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

JAN 2 1952

STATE ENGINEER

WATER WELL LOG

-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

Owner Helen O. Keyes Address Box 837, Billings  
Driller Joel Norling Address Billings, Mont.  
Date Started Aug 1, 1950 Date Completed Aug 15, 1950  
Location: Sec. 1N T. 26E R. SE  $\frac{1}{4}$  Sec. 2

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: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type Gal. Iron Size hinch

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened casing Ft. 100 to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to Ft. \_\_\_\_\_

Type of screen or perforations dented

Static water level, for non-flowing well: 50 ft. feet.

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

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

How tested: not tested

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

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

130 ft. deep.

RECEIVED

County Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

MAY 10 1973

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 Frank E. Lilly

Address 3247 Highway 312

EAST, Billings, Mont. 59101

Date well started 4-25-73

completed 4-27-73

Type of well drilled

Equipment used Rotary

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

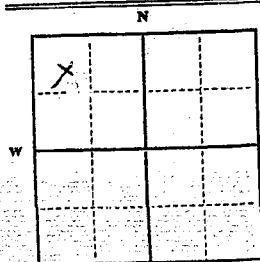
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe One million THERM

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 1,500,000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS	To (Feet)
<u>6 3/4"</u>	<u>5" plastic</u>	<u>0'</u>	<u>117'</u>	<u>Cut with Power Saw</u>	<u>115'</u>



North 1/4 Sec. 1  
T. 1 N. R. 2 E. S. 3

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

Driller's Signature L. D. Drilling

Driller's Address 14023 Roundup Rd Bldg. 5

L. D. Drilling  
1035 Wine Miller Ave  
Billings, Montana

LICENSE NO. 186

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.

From (Feet)	To (Feet)	Top of Ground (Elev. above sea level)
<u>0</u>	<u>2</u>	<u>Top Soil</u>
<u>2</u>	<u>15</u>	<u>Sandy Clay</u>
<u>15</u>	<u>30</u>	<u>Brown Sandstone</u>
<u>30</u>	<u>85</u>	<u>Blue Shale</u>
<u>85</u>	<u>88</u>	<u>Gray Sandstone</u>
<u>88</u>	<u>103</u>	<u>light gray shale with layers of bentonite</u>
<u>103</u>	<u>108</u>	<u>Gray Sandstone</u>
<u>108</u>	<u>112</u>	<u>Shale</u>

Water at 85'

Water at 105'

Static water level 45 ft.  
Pumping water level 112 ft.  
at 3 gallons per minute,  
measured 3 minutes after pumping began.

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

Power 3 Pump HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Gravel pack  
Bentonite Shutoff  
Casing above ground  
level

117'  
117' Show exact depth of bottom

933691

933691

STATE OF MONTANA

County of Yellowstone

Plat 2-06

2-06

2-06

2-06

2-06

2-06

2-06

2-06

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Deputy

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File No. 1T IN R 26 E N 1/4

DUPLICATE

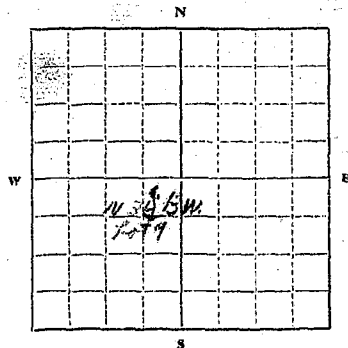
County Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
NOV 6 1963

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

1. Ethel V. Storm, of Rt 3 Billings  
(Name of Appropriator) (Address) (Town)  
County of Yellowstone State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW  $\frac{1}{4}$  Sec 1 T 1 N R 26 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, lawn, yard, stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Since May 1955 to the present time Aug 27 1963

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 5 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, yard, stockwater other than household use for three horses

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. About May 1955 started finished May 6 1955

8. The depth of water table. 80 ft. and 1 gal. increase at 140 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 well, 1 1/2 ft. diam. surface heavy gauge, 140 ft. galvanized pipe.

10. The estimated amount of groundwater withdrawn each year. 150,000 gal.

11. The log of formations encountered in the drilling of each well if available. 1-14 ft. yellow clay, 14-24 ft. coarse yellow sand, 24-41 fine sandy shale, 41-71 blue shale, 71-12 brown sandstone, 12-135 fine light blue sandstone, 135-147 dark hard shale.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner Ethel V. Storm

Date Aug 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.

6844

717566

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

This instrument was filed in my office  
this 5<sup>th</sup> day of Nov 19 63  
at 11:05 o'clock A.M.

Edison S. Redding,  
County Clerk & Recorder  
By Paul S. Hardin Deputy

*[Signature]*

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

RECEIVED  
MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION  
APR 4 1973

County Yellowstone

DRILLER'S LOG

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

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

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

Owner Roland Wise

Address 2114 N. Mont.

Oxlow-subdiv.

Date well started 3/25/73

completed 3/25/73

For Administrator's Use	
File	<u>930987</u>
	<u>April 5, 1973</u>
GW 1	<u>12:15 p.m.</u>

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 ☐

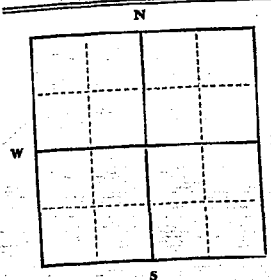
\*Describe

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).

Sub 1 & 2 Block 4  
C/S N 1120 bounded

ESTIMATED ANNUAL WITHDRAWAL 2,500,000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	6"	0'	125'	Plastic 4"	90'	125'



Static water level 75' ft.\*  
Pumping water level 120' ft.\*  
at 3 1/2 gallons per minute,  
measured 30 minutes after pumping began.  
\*Measured from ground level.  
Well developed by Rail 1/2  
for 1 hours.  
Power          Pump          HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

1/4 W 1/4 Sec 1  
T 1 N R 2 S E

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

Driller's Signature Roy D. Purcell

Driller's Address Billings, Mont.

Montana

LICENSE NO. 170

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	3	Fill Dirt
3	10	Shale
10	25	Enormous Feat. Shale & Sandstone
25	30	Hard Sandstone
30	40	Brown "
40	48	Light gray Sandstone
48	54	Shaly Sandstone
54	58	Blue Shaly Shale
58	59	Heavy Sandstone with shales
59	70	Hard "
70	88	Blue Sandy shale
88	89	Shaly ss ~ 2 g.p.m.
89	125	blue-gray shale ~ 6 1/2 g.p.m.

125' Show exact depth of bottom

5-2,813

930987

STATE OF MONTANA } ss.

County of Yellowstone

This instrument was filed in my office

this APR 5 1973

at 12:15 o'clock P M.

MEYRILL E. LINDSEY  
County Clerk & Recorder

By [Signature] Deputy

202

RECEIVED

County YELLOWSTONE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(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 FRANKIE WHEELER

Address EXBOW SUBDIVISION

BILLINGS MONT.

Date well started MAY 14 1973

completed MAY 16 1973

Type of well DRILLED

Equipment used CHURN

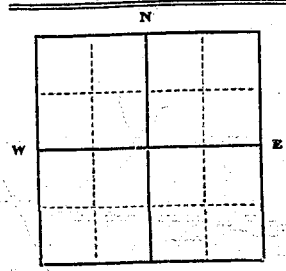
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐ Drainage

\*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).  
2,000.000 gal

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
<u>8"</u>	<u>6" PLATE</u>	<u>0</u>	<u>98'</u>	<u>5/16" 70 98'</u>



Static water level 60' ft.  
Pumping water level 98' ft.  
at 30 gallons per minute,  
measured 30 minutes after pumping began.  
\*Measured from ground level.  
Well developed by Bailing  
for 24 hours.  
Power          Pump          HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

W 1/2 W 1/2  
1  
1 Sec.  
T. 1 N. R. 26E

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

Driller's Signature R. D. Priel

Driller's Address Billings Mont

LICENSE NO. 170

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)	
<u>0</u>	<u>6</u>	<u>SOIL</u>
<u>6</u>	<u>30</u>	<u>BROWN SAND ROCK</u>
<u>30</u>	<u>55</u>	<u>HARD BROWN SAND ROCK</u>
<u>55</u>	<u>68</u>	<u>GREY SAND ROCK</u>
<u>68</u>	<u>71</u>	<u>HARD WHITE SAND ROCK</u>
<u>71</u>	<u>78</u>	<u>WHITE SAND 2 G.P.M.</u>
<u>78</u>	<u>92</u>	<u>INTERMITTENT WHITE</u>
<u>92</u>	<u>100</u>	<u>GREY SAND STONE</u>
		<u>GREY BLUE SHALE</u>

100' Show exact depth of bottom

53,229

934657

STATE OF MONTANA, }  
County of Yellowstone, }  
This instrument was filed in my office

this MAY 22 1973 day

at 10:30 o'clock A.M.

MERRILL H. KLUNDT  
County Clerk & Recorder

By [Signature] Deputy

2a

File No.

STATE WATER CONSERVATION BOARD  
DUPLICATE

DEC 30 1965

STATE OF MONTANA

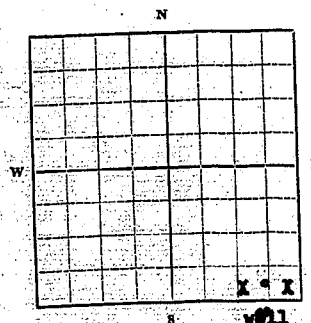
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights (Under Chapter 21, Montana Session Laws, 1965)

T 1 N R 26 E

County Yell

1. CLARK W. ALLEN of Route #3, Billings  
(Name of Appropriator) (Address) (Town)  
County of Yellowstone State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 2 T. 1 N. R. 26 E

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

- The beneficial use on which the claim is based.  
Stock water and household water
- Date or approximate date of earliest beneficial use; and how continuous the use has been August 1956, steady use
- The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
No
- 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. August 1956

8. The depth of water table 50 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. 6 inch casing and 200 feet deep

10. The estimated amount of groundwater withdrawn each year. 150,000 gallons per year

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.  
Not available

Signature of Owner Clark W. Allen

Date December 21st, 1965

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 Quaduplicate for the Appropriator.

40210