721317

STATE OF MONTANA,
County of

DEC 30 1963

3:52

By

File No. ..... STATE WATER CONSERVATION BOARD

DUPLICATE

DEC 10 '65

T. 1N R. 26 E.

County Yellowstone

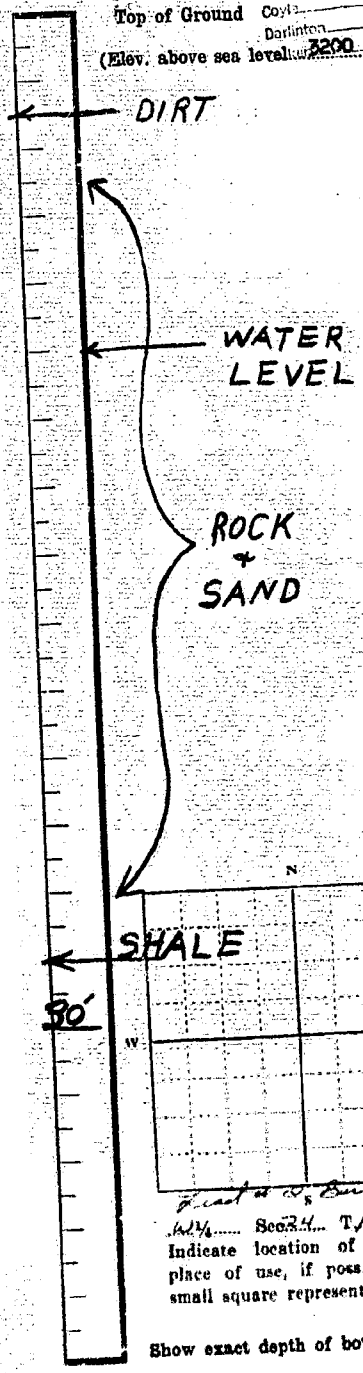
Billie ..... McDermott .....
Butcher ..... McNulty .....
Coyle ..... Morton .....
Darlinton ..... Sullivan .....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level: 3200)

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



Owner Donald D. Shearer ..... Address 1303 Bitterroot Drive, Billings, Montana.

Driller Shearer Brothers ..... Address 1315 Bitterroot Drive

Date of Notice of Appropriation of Groundwater May 1962

Date well started Apr. 20, 1962 Date Completed May 1st, 1962

Type of well Driven (due, driven, bored or drilled) Equipment Used Driver (Churn, drill, rotary or other)

Water Use: Domestic [X] Municipal [ ] Other [X] Irrigation [X]
Industrial [X] Drainage [ ] Stock [X]

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)
5¾"	5¾" ~~Gauge~~ 1/4" Gauge	3200'	3170'	1"x¾"	3170'	3180'

Static Water Level for non-flowing Well 3190 feet.

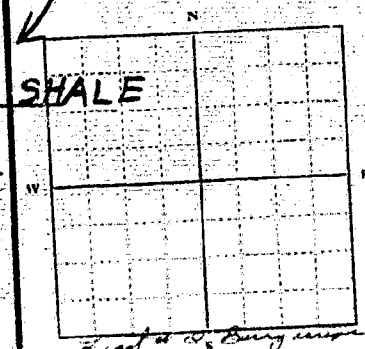
Shut-in Pressure for Flowing Well None

Pumping Water Level 3187 feet at 200 gal. per minute.

Discharge in gal. per min. of flowing well None

How Tested Pump Length of Test 24 hours

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) 2 acres



Tract at Burgess Park

NE¼ Sec. 24 T. 1 N. R. 26 E.

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

Show exact depth of bottom.

Driller's License Number

Driller's Signature

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

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

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

34983

767822

State of Illinois
County of Cook

This instrument was filed in my office
this 9 day of Dec 1965
at 4:12 o'clock P M.

Clerk of the Circuit Court

By [illegible] Deputy

STATE WATER CONSERVATION BOARD

DEC 10 1965

File No. .....

T. 1N R. 26E

County Yellowstone

DUPLICATE

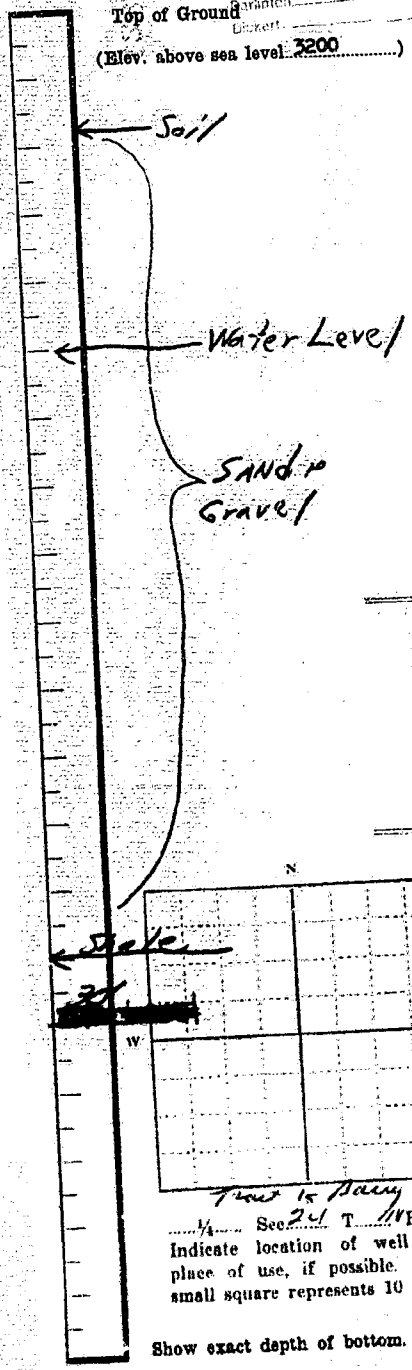
Bille ..... McDermott .....
Butte ..... McNally .....
Cole ..... Morton .....
Garfield ..... Sullivan .....
Dickert .....

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)

Top of Ground (Elev. above sea level 3200)



Owner Ronald G. Shearer Address 1315 Bitterroot Drive Billings, Montana.

Driller Shearer Brothers Address same as above

Date of Notice of Appropriation of Groundwater May 1962

Date well started April 20, 1962 Date Completed April 30th, 1962

Type of well Driven (dug, driven, bored or drilled) Equipment Used Driver (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)
3¼"	3¼" 1/4" Gage	3200'	3170'	1"x3¼"	3170'	3180'

Static Water Level for non-flowing Well 3190 feet.

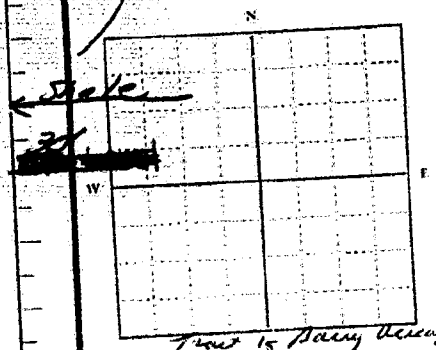
Shut-in Pressure for Flowing Well None

Pumping Water Level 3187 feet at 200 gal. per minute.

Discharge in gal. per min. of flowing well None

How Tested Pump Length of Test 24 hours

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) 2 acres



Tract is Barry Acreage Tract

¼ Sec 24 T 1N R 26E

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

Show exact depth of bottom.

Shearer Bros. Const.
Driller's License Number

Ronald G. Shearer
Driller's Signature

Donald G. Shearer

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.

39984

767821

DEC 3 1965

4:16 P

Jaw
24

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

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 HAROLD D. ANDRUS

Address 236 SCOTT LANE
BILLINGS MONT

Date well started 7-22-72
completed 7-22-77

For Administrator's Use
File 912629
July 28, 1972 10:30 a.m.
GW 1

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

Equipment used ROTARY (Churn drill, rotary or other)

Water Use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐

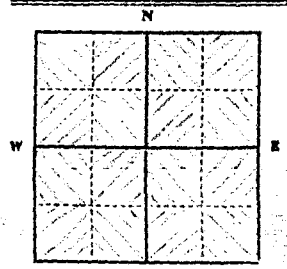
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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). 20,000 GAL.

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7 7/8	6 5/8" 17#	14	31	OPEN BOTTOM		



Static water level 10 ft.*
Pumping water level 20 ft.*
at 40 gallons per minute,
measured 20 minutes after pumping began.
*Measured from ground level.
Well developed by BAIL
for 2 hours.
Power N.A. Pump N.A. HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) PACKER @ 16 FT. BENTONITE TO TOP

Tr. 9, Cert of Sur. No 704-3rd amended in
SE ¼ NW ¼ Sec. 26
T. 1N N R. 26 E
S W

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

Driller's Signature J. J. Bean

Driller's Address DIGGER DRILL-3143
PRAIRIE DRIVE
BILLINGS MONT

LICENSE NO. 197

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	GRAVEL FILL
2	14	SAND
14	30	GRAVEL & BOULDERS
30	31	SHALE
		WATER @ 20 FT
		WATER LEVEL 10 FT.

31 Show exact depth of bottom

51,044

912629

T. 1N R. 26E

County Yellowstone

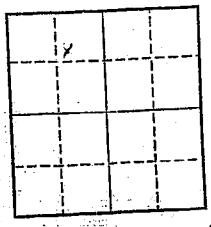
RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG



Owner: Emilia Cerise Address: 7040 Hawthorne Lane Billings, Montana

Driller: Loren E. Anderson Address: Billings, Montana

Date Started: 1922 Date Completed: 1922

Location: Sec. 26 T. 1 N R. 26 E ¼ sec.

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

Supplies water for House No. 5

~~Well No. 5~~

Water use: Domestic [x] Municipal [ ] Stock [x] Irrigation [x]

Industrial [ ] Drainage [ ] Other:

Casing: 6" ft. to 52 ft. Type: Steel Size: 6"

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

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

Type of screen or perforations: feet.

Static Water level, for non-flowing well:

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

Pumping water level: feet at gal. per min.

How tested: sample sent to Helena summer 1961-reported good to drink.

Length of test:

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

foot valve on supply to house

plenty of water to supply all needed night and day

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
		5 feet dirt
		15 " gravel
		then solid rock

T. 1N R. 26E

County: Yellowstone

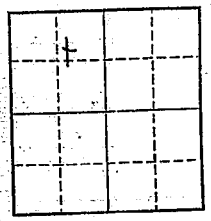
RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG



Owner: Emilia Cerise Address: 7040 Hawthorne Lane Billings, Montana

Driller: Loren E. Anderson Address: Billings, Montana

Date Started: Spring 1951 Date Completed: Spring 1951

Location: Sec. 26 T. 1 N R. 26 E ¼ sec. Lot 6 (Lockwood)

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

Water use: Domestic [x] supplies 2 houses Municipal [ ] Stock [x] Irrigation [x]

Industrial [ ] Drainage [ ] Other:

Casing: 6" ft. to 65 ft. Type: steel Size: 6" (approx)

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. unknown to ft. Ft. to ft.

Type of screen or perforations: unknown

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

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

Pumping water level: unknown feet at gal. per min.

How tested: by sample sent to Helena and by soft water service

Length of test: unknown

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

none

(over)

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

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SEP 22 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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 GARRITSON & MAGER

Address 319 NORTH 10 ST. BILLINGS MONT

Date well started 9-6-72

completed 9-6-72

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

Equipment used ROTARY (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 400,000

For Administrator's Use
File 916795
Sept. 21, 1972 - 9:12 a.m.
GW 1

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8"	6 5/8" 17#	14	31	1/4 SLOT	29	31
				OPEN BOTTOM		

County YELLOW STONE

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	GRAVEL FILL
2	15	SANDY TOPSOIL
15	30	GRAVEL & BOULDERS
30	31	SANDSTONE
		WATER @ 17 FT
		WATER LEVEL 7 FT.
		31 Show exact depth of bottom

N
W E

Static water level 7 ft.*
Pumping water level 12 ft.*
at 2.5 gallons per minute,
measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by BAIL
for 2 hours.
Power N.A. Pump N.A. HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
BENTONITE TO 6 FT.
CEMENT TO TOP.

Trust 10-15 # 7043 - annual

¼ E ½ Sec. 26
T. 1 N R. 26 E

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

Driller's Signature J J Bare

Driller's Address DISSER DRLG 3143 PRAIRIE DRIVE BILLINGS MONT

LICENSE NO. 197

51,438

916795

SEP 21 1994

9:12 A M

By Deputy

2 m

T. 1N R. 26E

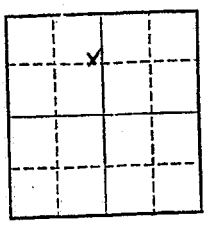
County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

STATE ENGINEER

WATER WELL LOG



Owner John Grano Address 7025 Beach Blvd

Driller Leroy E. Johnson Address 1145 Lynn Ave

Date Started July 10, 1961 Date Completed July 14, 1961

Location: Sec. 26 T. 1N R. 26E ¼ sec. NW

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

Water use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]

Industrial [ ] Drainage [ ] Other:

Casing: 30 ft. to ft. Type Blacksted Size 6" O.D.

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: 11 ft. from Grade feet.

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

Pumping water level 23 feet at 15 gal. per min.

How tested: pump

Length of test 4 hrs.

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0 ft	1 ft.	Top Soil
1 ft	8 ft	Brown Sandy Shale
8 ft	30 ft	Boulders, Sand & Gravel.

GW 2 Revised 1969
STATE PUBLISHING COMPANY

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 Robert C Nelson WELL No 2

Address 2921 Dry Gulch Rd

Date well started Not Known

completed

For Administrator's Use	
File	955306
	6-29-75
GW 1	1135 a.m.

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

Equipment used By Hand (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒

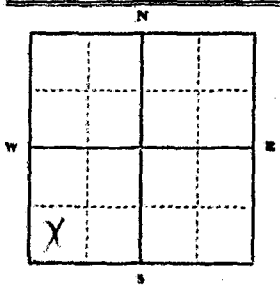
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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). IRRIGATION 4 ACRES

ESTIMATED ANNUAL WITHDRAWAL 600,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
3'	3'	20'	20'			



SW ¼ SW ¼ Sec. 26
T. 1 N/S R. 26 E/W

Static water level ft.*
Pumping water level 14' ft.*
at gallons per minute, measured minutes after pumping began.
*Measured from ground level.
Well developed by
for hours.
Power Gas Pump 11 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.

County

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
4'	10'	

Show exact depth of bottom

938306

STATE OF MONTANA } ss.
COUNTY OF [illegible]
This instrument was filed in my office
JUN 2 0 1973
day of _____ 19____
11:33 A.M.
[illegible]
County Clerk and Recorder
By [illegible] Deputy
24

GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED

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 Robert C Nelson WELL NO 1

Address 3921 Dry Gulch Rd Billings

Date well started APRIL 70

completed APRIL 70

For Administrator's Use	
File	955565
	6-29-73
GW 1	11:30 A.M.

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

Equipment used DRIVER
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

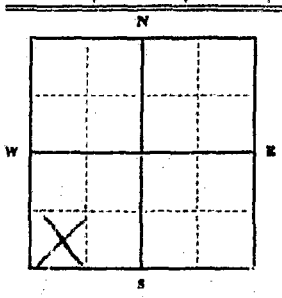
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 300,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
41"	1/4 x 4"	28'	28'			



NW¼ SW¼ Sec. 26
T. 1 N/S R. 26 E/W

Static water level .....ft.*
Pumping water level 24'.....ft.*
at .....gallons per minute,
measured .....minutes after pumping began.
*Measured from ground level.
Well developed by 4'
for .....hours.
Power Elect Pump 1 HP 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.

Top of Ground (Elev. above sea level) _____

From (Feet)	To (Feet)	
41'	28	

_____ Show exact depth of bottom

30/85

938305

STATE OF MONTANA, } ss.
County of Yellowstone, }
This instrument was filed for record
this JUN 29 1973 19
at 11:32 o'clock A.M.
MERRILL G. KLUNDT
County Clerk & Recorder
By Deputy

GV-4

File No.

DUPLICATE

T. 1N R. 26 E

County Yellowstone

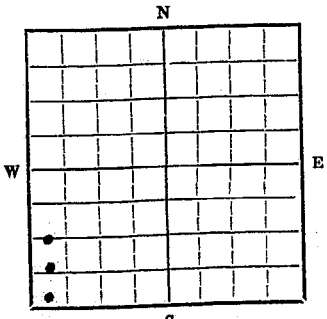
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Frank Orchowski, of 101-N 24th 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:



26-Frac Lot 7 + 7 rac
SESW N of Ry Sec. 26 T. 1N R. 26

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 Drinking water + livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959 — every day —

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 120 —

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Jet Pump 3 hp electric motor
Jet Pump 1/3 hp ✓ ✓
Jet Pump 1/3 hp ✓ ✓

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1959 —

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
20 ft — 4 in Casing
20 ft — ✓ ✓
20 ft. — ✓ ✓

10. The estimated amount of groundwater withdrawn each year 26,400,000

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

Signature of Owner [signature]

Date 12/30/63 —

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

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

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

18475

721744

STATE OF CALIFORNIA, } ss.
County of Los Angeles }

This instrument was filed in my office
on the 31 day of Dec. 19
at 3:50 o'clock P M.
Filing Fee $ Refunded
County Clerk & Recorder
By Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—3931.

File No.....

T. 1N R. 26E 26

County Yellowstone

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 29 1964
STATE ENGINEER

Top of Ground

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

25' sandy soil
26' sand

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Sears Oil & Refining Robert Sears Address Billings, Mont.

Driller Clyde E. McKeehan Address Laurel, Mont.

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

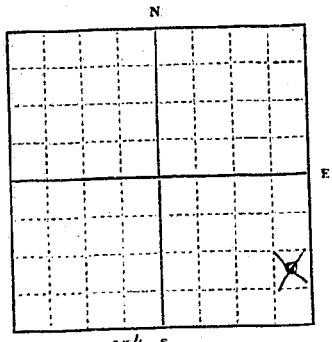
Date well started 8/5/64 Date Completed 8/8/64

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" 19 lb.	0	51'	Cut 1/8 x 3-6"	44'	50'



NE ¼ SE¼ SE¼ Sec. 26 T. 1N R. 26E

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

51'
Show exact depth of bottom.

Static Water Level for non-flowing Well 32 feet.

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

Pumping Water Level 25 feet at 32 gal. per minute.

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

How Tested Bailing Length of Test 30 min

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

Gravel packed in & around bottom of casing

36
Driller's License Number

Clyde E. McKeehan
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.

38499

739633

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

This instrument was filed in my office
this _____ day of SEP 28 1984 19____
at 1:20 o'clock P M.

Edmon S. Redding,
County Clerk & Recorder

By D. Dw

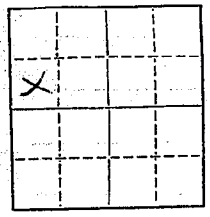
T. 1 N R. 26

County Yellowstone

RECEIVED
JAN 22 1959
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner: James E. & Marjorie Tetzlaff Address: 2091 Beach Blvd. Billings, Montana

Driller: Unknown Address:

Date Started: Unknown Date Completed: Unknown

Location: Sec. 26 T. 1 N R. 26 ¼ sec.

Type of well: Dug & Driven (Dug, driven, bored, or drilled) Equipment used: Unknown (Churn drill, rotary, other)

Water use: Domestic [X] Municipal [ ] Stock [X] Irrigation [X]

Industrial [ ] Drainage [ ] Other:

Casing: 20 ft. to 20 ft. Type: Tile Size: 24"

Casing: 17 ft. to 37 ft. Type: Iron Size: 6"

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: 22 feet.

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

Pumping water level 26 feet at gal. per min.

How tested: No Test Ran

Length of test:

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

(over)

File No. .....

STATE WATER CONSERVATION BOARD

T. 1N R. 26E

County Yellowstone

DUPLICATE

APR 28 1966

Billie ..... McCullough
Dutzerin ..... McNulty
Coyle ..... Martin
Darlinton ..... Bailey

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)

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

4 FT. SOIL
12 FT. SAND + GRAVEL
26 FT. SAND - GRAVEL WATER AT 24 FT
34 FT. SAND STONE WATER AT 36 FT
58 FT. SHALE
70 FT. BOTTOM OF WELL

Owner JAMES M. OR MARJORIE TETZLAFF Address 519 BENCH BLVD. BILLINGS, MONT.

Driller SCHUTT DRILLING CO ROY SPAKER Address 1219 OLD HARDIN RD

Date of Notice of Appropriation of Groundwater 4-21-66

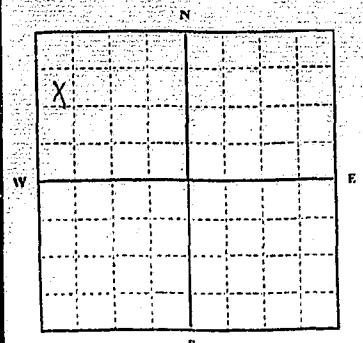
Date well started 4-13-66 Date Completed 4-15-66

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	12 ga	8'	33'			
PUMP PIT		0	8'			
20" TILE	20" TILE	8'	20'			



.....¼..... Sec. 26 T. 1N R. 26E

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 24 feet.

Shut-in Pressure for Flowing Well NOT APPLICABLE

Pumping Water Level 65 feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well NOT APPLICABLE

How Tested BAILER Length of Test 4 HRS

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) 1.4 ACRES OF FR 99.4 X 462.6' X 101.5' X 450.45' OF N 3.63 A OF LOT 2 W OF RY 26 IN 26

ELECTRIC PUMP - WELLIS 111 FT. EAST OF NO. WEST CORNER OF PROPERTY AND THENCE 50 FT. SOUTH

161
Driller's License Number

SCHUTT DRILLING CO
ROY SPAKER
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.

40997

776896

STATE OF MONTANA
County of Yellowstone, ss.

Filed for record and filed in my office

APR 21 1965

9:10 A.M.

Clerk and Recorder

Jaw

2 e.

GW 4

File No.....

TRIPLICATE

T 1N R 26E

County Yellowstone

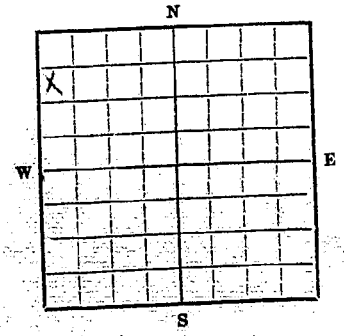
RECEIVED AUG 26 1963 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. James M. and Marjorie Tetlaff, of 2091 Ranch Blvd (Address) Billings (Town)
(Name of Appropriator)
County of Yellowstone State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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

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 Irrigation and Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Prior to 1938 Steady for domestic use, varied for irrigation

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 90 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 1.4 acres 02 Free 99.4 x 462.6' x 101.3' x 450.45' of N 3.63A of LOT 2 V of NE 26 1N 26 James M. and Marjorie Tetlaff

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump. 110' east of No. cor corner of property and thence 50' South

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Prior to 1938

8. The depth of water table 1.'

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 First 20' hand dug, 20 inch tile. Next 15' driven, 6 inch steel casing. Depth of well 35'.

10. The estimated amount of groundwater withdrawn each year 1,1800 gallons

11. The log of formations encountered in the drilling of each well if available no information 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 no other information

Signature of Owner James M. Tetlaff

Date 8-22-63

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

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

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

5528

713121

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

I hereby certify that the within instrument was filed in my office for record on this AUG 23 1963 day of _____ 19____ at 2:40 o'clock P M., and is duly recorded in Book _____ of _____ on Page _____

Witness my hand and official seal

Edmen S. Redding,
County Clerk & Recorder

By _____ Deputy

2 oz

RECEIVED
DEC 29 1961
STATE ENGINEER

Form No. 18
8-60

T. 1 N R. 26 E
County YELLOWSTONE

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner BEDE, MICHAEL Address 3101 LINCOLN LN., BLGS.

Driller L. ANDERSON Address MILES AVE., BLGS.

Date Started 1949 Date Completed 1950

Location: Sec. 27 T. 1N R. 26 ¼ Sec.

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

Water use Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other

Casing: 0 ft. to 30 ft. Type CASING Size 5"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened Ft. 2 to ft. 30 Ft. to Ft.

Type of screen or perforations WIRE MESH

Static water level, for non-flowing well: 15 feet.

Shut-in pressure for flowing well: NONE lb./sq. in. on: (date)

Pumping water level 20 feet at 300 gal.per.min.

How tested: ELECTRIC WATER PUMP

Length of test 1 HOUR

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

RECEIVED
DEC 1 1958
STATE ENGINEER

T. 1N R. 26
County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

			X

Owner The California Company Address Box 780 Denver, Colo
Driller Leroy Johnson Address 941 Central Billings
Date Started Nov 25 1958 Date Completed Nov 26, 1958
Location: Sec. 27 T. 1-N.R. R. 26 E ¼ sec.

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

Water use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 30 ft. Type Black Steel Size 6" OD
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: 10 ft from Surface 20' feet.
Shut-in pressure, for flowing well: lb./sq. in. on: (date)
Pumping water level Lowered 5'-15 feet at 10 gal. per min. ✓
How tested: Pump - 2" Working Drawen
Length of test

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	1'	Top Soil
1'	6'	Sandy Shale
6'	30'	Sand and Gravel
		Water Supply
		10 gal per min

27

File No.....

T. 1N ..... R. 26E

County Yellowstone

ORIGINAL

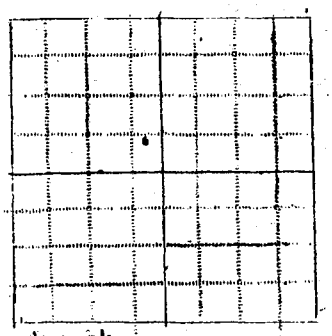
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964
STATE ENGINEER

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

I John H. or Mildred M Feaster, of 428 Lake Elmo 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:



SE¼NE¼ Sec. 27 T. 1N R. 26E

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, yard, garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been the well had been in use several years in May 1943 It has been in continuous use since

4. The amount of groundwater claimed (in miner's inches or gallons per minute 20 gallon per minute (?) 2 large pumps could not pump dry, filled in a few minutes

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 supplementing ditch water on 1½ acres yard and garden John H. or Mildred M. Feaster

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater I don't know

8. The depth of water table 8 - 12 feet (?) Varies

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 4-5 feet square 20 feet deep

10. The estimated amount of groundwater withdrawn each year I don't know 100,000 gal

11. The log of formations encountered in the drilling of each well if available I understand this was a spring walled around and the spring filled

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 I don't know of any

Signature of Owner Mildred M. Feaster

Date December 31, 1963

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

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

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

18331

721567

STATE OF MONTANA)
County of Yellowstone) ss.

This instrument was filed in my office

this _____ day of DEC 31 1963

at DEC 31 1963 11:12 A.M.

County Clerk and Recorder

By _____ Deputy

2 00

GW

File No.

DUPLICATE

T 1 N R 26 E 27

County Yellowstone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

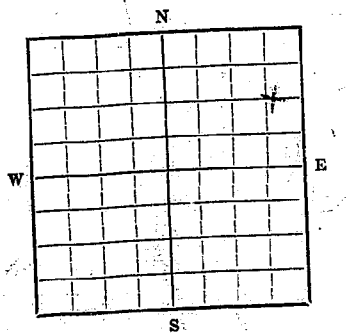
RECEIVED
JAN 2 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1960)

1. BETTY (KOGWIN), of ~~UNKNOWN~~ 2091 LINCOLN LANE, 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:



NE ¼ 27 Sec. 27 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 WATER SUPPLY

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Beginning use and continuous use for house hold water supply Irrigation - fire control

4. The amount of groundwater claimed (in miner's inches or gallons per minute) approx 25 to 30 gallons

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof IRRIGATION WATTER SUPPLIES BY IRRIGATION DITCH

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater UNKNOWN (aprox 15 to 20 years)

8. The depth of water table approx 15 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 50' deep cement casing

10. The estimated amount of groundwater withdrawn each year 75,000 gallons approx

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

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

Signature of Owner Betty W Goodwin

Date 12-31-63

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

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

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

18471

GW

File No.

DUPLICATE

T 1 N R 26 27

County Yellowstone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

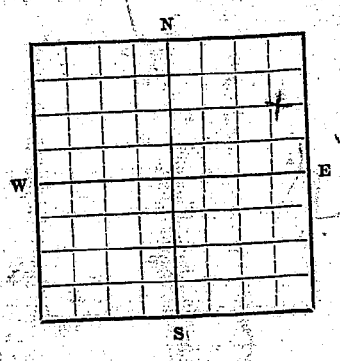
RECEIVED
JAN 2 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. BETTY W. GOODWIN (Name of Appropriator), of ~~XXXXX~~ 2091 LINCOLN LANE (Address), BILLINGS (Town)

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



NE ¼ 27 Sec. 27 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 WATER SUPPLY

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Beginning use and continuous use for house hold water supply Irrigation - fire control

4. The amount of groundwater claimed (in miner's inches or gallons per minute) approx 25 to 30 gallons

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof IRRIGATION WATTER SUPPLIES BY IRRIGATION DITCH

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater UNKNOWN (aprox 15 to 20 years)

8. The depth of water table approx 15 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 50' deep in cement casing

10. The estimated amount of groundwater withdrawn each year 75,000 gallons approx

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

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

Signature of Owner Betty W Goodwin

Date 12-31-63

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

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

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

18471

721740

3:46 p

7m W.

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
JUN 4 1973
DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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 Leo W. Hice

Address 440 Hansen Lane
Billings, Mont

Date well started May 1953

completed May 1953

For Administrator's Use	
935383	
JUNE 1, 1973	
GW 1	9:50 A.M.

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

Equipment used Well drilling rig (Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

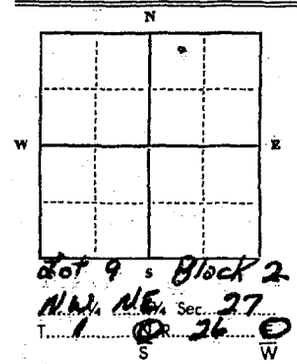
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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 800,000 Gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" Casing	0	50	1/4"	47	50



Lot 9 s Block 2
NW NE Sec. 27
T. 1 S R. 26 W

Static water level 6 ft.*
Pumping water level 14 ft.*
at 25 gallons per minute,
measured 10 minutes after pumping began.
*Measured from ground level.
Well developed by bailing
for 10 hours.
Power Elect. Pump 1/4 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Hansen Sub

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)

From (Feet)	To (Feet)	

50' Show exact depth of bottom

53,345

935383

STATE OF VIRGINIA, ss:

JUN 1 1979

9:50 A.

Deputy

200

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

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 Mrs. Donald Kraft

Address 1025 Hansen Ln.
Billings, Mont 5910

Date well started 1952

completed 1952

For Administrator's Use
File 936816
June 18, 1973
GW 1 1:29 p.m.

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

Equipment used Sandpoint (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

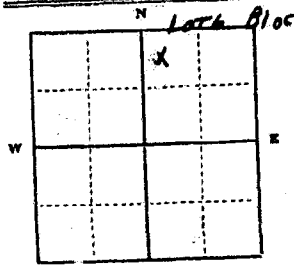
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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 250,000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
4"	4"	2	22	unKnown		



Lot 6 Block 1 Hansen Sub

Static water level unKnown ft.*

Pumping water level ..... ft.*

at unKnown gallons per minute, measured ..... minutes after pumping began.

*Measured from ground level.

Well developed by unKnown

for ..... hours.

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

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

N ½ NE ¼ NW ¼ Sec. 27
T. 1 N R. 26 E
S ½ W

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

~~Owner's~~ Signature Mrs. Donald Kraft

~~Driller's~~ Address 1025 Hansen Lane
Billings, Mont 5910 LICENSE NO. .....

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)	
		unKnown

Show exact depth of bottom

53,600

936816

STATE OF MONTANA, } ss.
County of Yellowstone,
This instrument was filed in my office
this JUN 18 1973 19
at 1:29 o'clock P M.
[illegible]
County Clerk & Recorder
By CDB Deputy
$2.00

GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
JUN 4 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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 Donald O. Lueck

Address 445 Hansen Lane

Billings, Mont.

Date well started Sept. 1950

completed Sept. 1950

For Administrator's Use
File 935382
JUNE 1, 1973
GW 1 9:11 a.m.

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

Equipment used Hand driver
(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

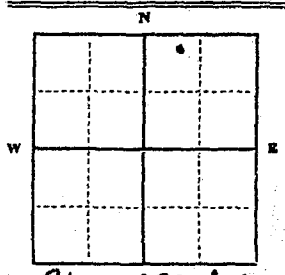
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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 800,000 Gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
3"	3" Nvj.	0	25'	½"	22'	25'



Static water level 18 ft.*
Pumping water level 17 ft.*
at 25 gallons per minute,
measured 10 minutes after pumping began.
*Measured from ground level.
Well developed by pumping
for 6 hours.
Power Elect. Pump 1½ HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Lot 11 Block 1 Hansen Sub

NW ¼ NE ¼ Sec. 27
T. 1 N/S R. 26 E/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)

From (Feet)	To (Feet)	

25' Show exact depth of bottom

53,339

935382

STATE OF MONTANA }
County of Yellowstone } ss.
This instrument was filed in my office
on JUN 1 1973, 19
at 9:11 o'clock A.M.
MERNA M. ELLIOTT
County Clerk & Recorder
By D. Hamilton Deputy

Fee

Form No. 18
8-60

T. 1N R. 26 E

County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962
STATE ENGINEER

Water Well Log

Owner Francis E. & Barbara L. Mills Address 1037 Hawthorne Billings Montana

Driller Unknown Address

Date Started 1952 Date Completed 1950

Location: Sec. 27 T. 1N R. 26E ¼ sec. NE

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

Water use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☑
Industrial ☐ Drainage ☐ Other

Casing: Ground Level ft. to 30 ft. Type Steel Size 6"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. Unknown to ft. . Ft. to ft.

Type of screen or perforations Unknown

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

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

Pumping water level Unknown feet at gal. per min.

How tested:

Length of test

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

(over)

NE NE Sect 27

T. 1N R. 26

County Yellowstone

RECEIVED
JUL 28 1959
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

			X

Owner N. E. Noble Address 725 Conway St

Driller Leroy Johnson Address 725 Conway St

Date Started 7-13-59 Date Completed 7-15-59

Location: Sec. ..... T. ..... R. ..... ¼ sec. .....

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

Water use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]

Industrial [ ] Drainage [ ] Other: .....

Casing: 30 ft. to 29 ft. Type Blacksteel Size 6" O.D.

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: 8' fr surface feet.

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

Pumping water level 12 feet at 10 gal. per min.

How tested: Pump

Length of test 4 hrs.

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0 Ft	1 ft	Top Soil
1"	6"	Brown sandy shale
6"	24"	Sand stone & Boulders
24"	30"	shale

GW 2

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

27

File No.....

T 1 N R 26 E

DUPLICATE

County Yellowstone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED AUG 1 1963 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.....)

From 0 ft. to 1 ft. - Top Soil

From 1 ft. to 14 ft. - Sand & Gravel

14 ft. to 30 ft. - Sand, Rock

30 ft. to 48 ft. - Gray coarse sand - rock

48 ft. to 51 ft. - Soft sandy shale

51 ft. to 115 ft. - Gray sand rock

Water at 51 feet and 110 ft.

Water level 51 feet from grade

Water supply 15 gal. per min.

115 ft.

Owner Phillips Petroleum Co. Address Bartlesville, Oklahoma

Driller LeRoy E. Johnson Address 1145 Lynn Avenue Billings, Montana

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

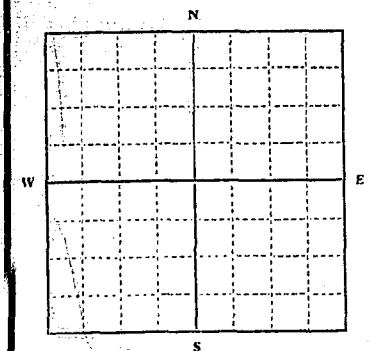
Date well started May 19, 1963 Date Completed May 31, 1963

Type of well Drilled (dug, driven, bored or drilled) Equipment Used Cable Tools (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)
8"	39 lbs.	Grade	15			
		Surface pipe factory perf. at source of water				
6" 20 gauge liner	Grade to 117 ft.					



NE ¼ of Sec. 27 T 1 N R 26 E

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

Static Water Level for non-flowing Well 51 feet.

Shut-in Pressure for Flowing Well —

Pumping Water Level 95 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well —

How Tested Boiler Length of Test 4 Hrs.

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

Show exact depth of bottom.

1

Driller's License Number

Leroy E. Johnson

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.

5225

711649

STATE OF MONTANA,
County of Yellowstone, ss.

This instrument was filed in my office
this 31 day of July 1963
at 2:22 o'clock P M.

Ralmon S. Redding,
County Clerk & Recorder

By [illegible] Deputy

202

File No.....

T. 1N R. 26

ORIGINAL

County. Yellowstone

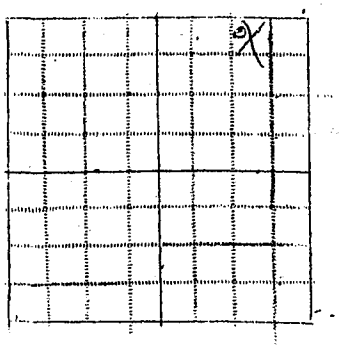
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964
STATE ENGINEER

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

1. Kendall & Fannie Pickens, of 609 Joyce (Address) Billings, Montana (Town)
(Name of Appropriator)

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



NE NE - Sec. 27 T. 1N 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
Irrigation of lawn only

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute
used daily for 5 mo. of the year
60 gals per day

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
lot 2, block 2, Wagner's Sub.

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 1960

8. The depth of water table 16 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
26 feet deep

10. The estimated amount of groundwater withdrawn each year 500,000 gals

11. The log of formations encountered in the drilling of each well if available
sand, gravel and hardpan

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 Fannie Pickens
Date 12-31-63

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

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

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

18423

721690

STATE OF MONTANA, }
County of Yellowstone, }

This instrument was filed in my office
this _____ day DEC 31 1969
at 2:50 o'clock P M.

[illegible] S. Redding,
County Clerk & Recorder

By [illegible] Deputy

File No.....

ORIGINAL

T. 1 N. R. 26 E.

County Yellowstone

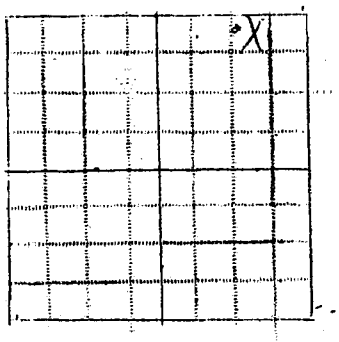
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964
STATE ENGINEER

DECLARATION of VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1962)

1. Kendall & Fannie Pickens, of 609 Joyce Billings, Montana
(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:



NE NE - Sec 27 T. 1N 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 only

3. Date or approximate date of earliest beneficial use; and show continuity the use has been
1955 and continuously

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater-
1955

8. The depth of water table-
28 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-
38-feet deep

10. The estimated amount of groundwater withdrawn each year-

11. The log of formations encountered in the drilling of each well if available
sand, gravel, hardpan

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- Fannie Pickens
Date- 12-31-63

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

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

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

18424

721691

STA[illegible]
Co[illegible]
This [illegible]
the [illegible]
at 2:57 [illegible] clock P. M.
Co[illegible] Recorder
By [illegible] Deputy
2 w

DEC 6 1963

Form No. 18
8-60

T. 1N R. 26E

County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 29 1961
STATE ENGINEER

Water Well Log

Owner Harold Ruth Address Billings, Montana

Driller Clyde Sando Address Billings, Montana

Date Started Fall - 1955 Date Completed 1955

Location: Sec. 27 T. 1N R. 26E ¼ sec. NW ¼ - Cert. Survey 356

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

Water use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [X]

Industrial [ ] Drainage [ ] Other

Casing: 0 ft. to 60 ft. Type Steel Size 5"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened: Ft. to ft. . Ft. to ft.

Type of screen or perforations

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

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

Pumping water level 99 feet at 16 gal. per min. 15

How tested: Pump

Length of test 20 hours

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

(over)

Log of Well

Depth feet		Description of Material Drilled
From	To	Contact Clyde Bando

RECEIVED
APR 24 1958
STATE ENGINEER

T 1 N R 26 E

County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

O'leary Subdivision

Owner Larry J. Schroeder Address 204 Enerld Drive Billings, Montana

Driller H.L.Wigham Address Billings, Montana

Date Started April 22, 1958 Date Completed April 26,1958

Location: Sec. 27 T. 1 N R. 26 E ¼ sec. N W

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

Water use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]

Industrial [ ] Drainage [ ] Other:

Casing: 0' ft. to 60' ft. Type 20 Gauge Gavl. Size 6"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations Open hole below casing

Static Water level, for non-flowing well: 45' feet.

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

Pumping water level 65' feet at 10 gal. per min.

How tested: Bailed

Length of test Two hours at the time

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

Cemented the surface water off

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	12	Sand and gravel
12	53	Sandstone and small clay streaks
53	55	Sand and silt - water bearing
55	97	Sandstone and small clay streaks
97	100	Broken sandstone and sand. - water bearing

28

Approved Stock Form—State Publishing Co., Helena, Montana—39089

N 3

File No.....

DUPLICATE

T. 1 N. R. 26 E.

County Yellowstone

RECEIVED
DEC 30 1963
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Unknown

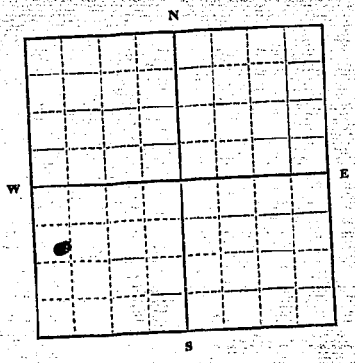
Owner ~~Maurice T. Rolle~~ Kenneth T Rolle Address Alkali Creek

Contractor (if any) None

Address of Contractor .....

Date Started..... Date Completed.....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural spring in existence beyond all records of time.



NW 1/4 SW Sec. 28 T. 1 N. R. ~~26~~ E

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. spring flow 1/2 gallon per minute determined by actual measurement over two week period.

Signature of Owner Kenneth T Rolle & Maxine J. Rolle

Date December 27, 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.

16066

720981

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

This instrument was filed in my office
this DEC 27 1963 19
at 10:31 o'clock A. M.

Edmen S. Redding,
County Clerk & Recorder

By Jaw Deputy
2w

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—39089

File No.....

DUPLICATE

T. 1N R. 26E

County Yellowstone

RECEIVED JAN 6 1964 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Nov. 1955

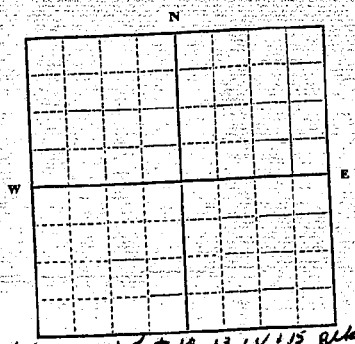
Owner HAROLD W OR JOAN L TURQUIST Address ALKALI CREEK RD BILLINGS, MONT.

Contractor (if any) NOT KNOWN

Address of Contractor NOT KNOWN

Date Started NOT KNOWN Date Completed NOT KNOWN

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable WATER OBTAINED FROM NATURAL SPRING BOXED IN TO ARREST SUPPLY.



Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use SPRING RUNS ONE HALF GALLON PER MINUTE BY MEASURE.

S 78.4' Lots 11, 12 Lot 12, 13, 14 & 15, Blk 3 Alkali Creek Sub 4th filing

¼ Sec. 12 & 13 T. 1N R. 26E

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

Signature of Owner Harold W. Turquist

Date 1-2-64

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.

25 4.50

721933

STATE OF MONTANA)
County of Yellowstone)

This instrument was filed in my office
this JAN 2 1964 19
at 4:20 o'clock P M.

Fern S. Reading,
County Clerk & Recorder

By Jan Deputy

3-GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
JUN 14 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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 JOHN J. RECZEK JR.

Address 807 MOONBEAM LANE
BILLINGS, MONTANA 59101

Date well started 4-25-73
completed 4-26-73

For Administrator's Use
File 936366
JUNE 13, 1973
GW 1 9:00 A.M.

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

Equipment used Rotary (Churn drill, rotary or other)

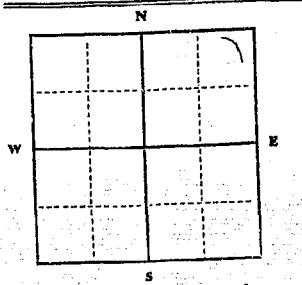
Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*Describe n/a

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). n/a LOT 3 - MOON VALLEY SUB

ESTIMATED ANNUAL WITHDRAWAL 32,400 GAL./YEAR

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7 7/8"	6" Plastic	0'	50'	1/8 CUT	30'	49'



Static water level 16 ft.*
Pumping water level 45 ft.*
at 8 gallons per minute,
measured 80 minutes after pumping began.
*Measured from ground level.
Well developed by bailer
for 3 hours.
Power ELECTRIC Pump 5 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Gravel packing to 25 Bentonite Shutoff Casing 1' above ground

..... 1/4 ..... 1/4 Sec. 30-29
T. 1 N R. 26 E

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

Driller's Signature [signature]

Driller's Address 1023 Rounds Bldg.
LED Drilling 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) 3302'

From (Feet)	To (Feet)	
0'	2'	Top Soil
2'	14'	Sand Clay
14'	40'	Sand Shale
40'	50'	Black Shale
		water at 35
		50'

50' Show exact depth of bottom

53,511

936366

STATE OF MONTANA, }
County of Yellowstone, } ss.
This instrument was filed in my office
this July 18 1979 19
at 9:00 o'clock A M.
MERRILL A. KLUNDT
County Clerk & Recorder
By Jean Deputy
2a