

721081

STATE OF MONTANA,
County of Yellowstone,

This instrument was filed in my office
this 27 day of Dec 1963
at 7:20 o'clock P M.

Edmon S. Redding,
County Clerk & Recorder

By [Signature] Deputy

[Signature]

GW-4

File No.

DUPLICATE

T 3 S R 26 E

County Yellowstone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

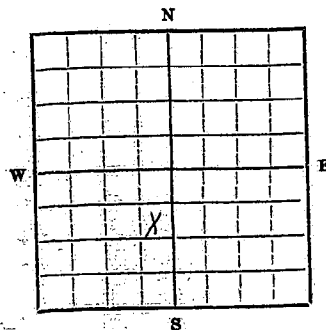
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Cooper Ranch, Inc. of Blue Creek Rte. 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 1/4 Sec. 29T 28 N 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 Stock Water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1937 Some use every year in dry years nearly continuous.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Not known
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 None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Gas Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1937
8. The depth of water table 20 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 5 ft. x 25 ft. Deep
10. The estimated amount of groundwater withdrawn each year 30,000 Gal.
11. The log of formations encountered in the drilling of each well if available Dug by Hand
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

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.

16119

721082

STATE OF MONTANA,
County of Yellowstone.

This instrument was recorded on

DEC 27 1963

Page 422

Jan 20

RECORDED & INDEXED
BY COUNTY CLERK
JAN 20 1964

File No.

T. 2-S R. 26-E

DUPLICATE

County Yellowstone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

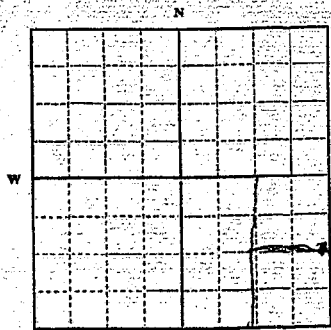
RECEIVED
DEC 23 1963

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 1911 1963
Owner O. A. HARTLEY Address P.O. 537 Billings
Contractor (if any) No Contractor
Address of Contractor No Contractor
Date Started July 1911 Date Completed July 1911



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. A hole was dug near a small spring. 7 feet deep a stream of water was found.

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

estimate approximate lengths of periods of use. Estimate.

Sec. 4, 1/4 Sec. 48, T. 2-S, R. 26-E

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

300 gal per hour. A pump was used. Pumped 5 gal per minute. Irrigate, Spring Summer, Fall, Garden, Orchard, Lawn, Household, Stock, 12 months.

Signature of Owner O. A. Hartley

Date Dec 20, 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.

720548

STATE OF MONTANA,
County of Yellowstone

This instrument was filed in my office

this _____ day of **DEC 20 1963**

at 1:14 P. M.

Edwin S. Rodding,
County Clerk & Recorder

By Jaw Deputy

at m

937936

STATE OF MONTANA, } ss.
County of Yellowstone,
This instrument was filed in my office
this JUN 28, 1973 19____
at 10:06 o'clock A M.
MERRILL M. KLUNDT
County Clerk of Yellowstone
By [Signature] Deputy

ju

GROUNDWATER INDEX

Page 1 of 1

County Yellowstone Twp. 25 Rge. 27E

[illegible]

RECEIVED
DEC 10 1959

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 21 S. R. 27 E

County Yellowstone

WATER WELL LOG

X		

Owner Alex Deines Address Pryor Mt. Billings

Driller Shuts (Probably) Address ?

Date Started 1924 Est. Date Completed

Location: Sec 21 T. 22 S. R. 27 E. 1/4 sec SW.

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

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: Rock ft. to 42 ft. Type Rock Size average S.

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: 4 feet.

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

Pumping water level: 3 feet at gal. per min.

How tested: Pumping

Length of test: 3 to 4 hrs.

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

Blank top
Gas Motor - hard shut off

(over)

Log of Well

[illegible]

RECEIVED
DEC 10 1959

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 25 R. 27 E
County Yellowstone

WATER WELL LOG

	X	

Owner Alv. Deines Address Payson Rte. Billings

Driller same Address same

Date Started 1948 Date Completed 10/15/48

Location: Sec. 18 T. 25 R. 27 E. $\frac{1}{4}$ sec. 5 W

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

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

Casing: 14' ft. to _____ ft. Type Galvanized Size 8"

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

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

Perforated or Screened: Ft. 3' to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations Commercially Drilled pipe

Static Water level, for non-flowing well: 6' feet.

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

Pumping water level 5' feet at 40 gal. per min.

How tested: Pumping

Length of test 3 to 4 hrs.

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

Cement top

Automatic motor - shut off

(over)

Log of Well

[illegible]

RECEIVED
DEC 10 1959

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 25 R. 27 E
County Yellowstone

WATER WELL LOG

		X

Owner Aly Deines Address Payson Rte. Billings
Driller Hausman (probably) Address ?
Date Started 1932 (estimate) Date Completed _____
Location: Sec. 28 T. 25 R. 27 E $\frac{1}{4}$ sec. NE

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

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

Casing: _____ ft. to 25 ft. Type Cased Size 8"

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: 6 feet.

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

Pumping water level: 5 feet at 30 gal. per min.

How tested: Pumping

Length of test: 2 to 4 hrs.

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

1st water tank cut + set over top
gas meter

(over)

Log of Well

[illegible]

RECEIVED
DEC 10 1959

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 28 R. 27E

County Yellowstone

WATER WELL LOG

	X	

Owner Alex Delines Address Payson Rte B, Billings, Mont.
Driller same Address same
Date Started 3-27-48 Date Completed 4/3/48
Location: Sec. 28 T. 25 R. 27E 1/4 sec. 5W

Type of well Dug & drilled Equipment used shovel & 12" digger
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

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

Casing: 25' ft. to _____ ft. Type 12" Red Culvert Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 2' to _____ ft. Ft. _____ to _____ ft.

Type of screen or perforations holes drilled in casing

Static Water level, for non-flowing well: _____ feet

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

Pumping water level 4 feet at 40 gal. per min.

How tested: Pumping

Length of test 3 to 4 hrs

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

Cemented top
Automatic motor shut off

(over)

Log of Well

[illegible]

GW 4

File No.

T² S. R. 27 E.

DUPLICATE

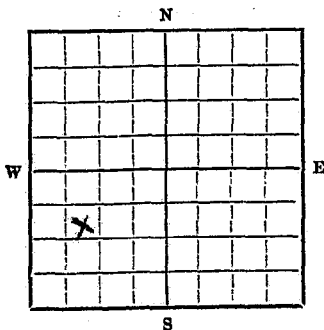
County Yellowstone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 17 1963

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

1. Albert M. Fritzel of Pryor Star Rte. 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:



$\frac{1}{4}$ Sec. 28 T25 R27E

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

2. The beneficial use on which the claim is based Domestic Use & Irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuously Since Sept. 13, 1961
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 16, gallons 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 7/1624 Acres Subsurface Use
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept. 8, 1961 to Sept. 15, 1961
8. The depth of water table 35 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 None.
10. The estimated amount of groundwater withdrawn each year 1,314,000 gal.
11. The log of formations encountered in the drilling of each well if available Leroy Johnson, 1145, Lynn Ave. Billings, Mont.
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

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.

50.55

710809

STATE OF MONTANA,
County of Yellowstone,

This instrument was filed in my office
this JUL 16 1963 day of 19

at 2:04 o'clock P M.

Edmon S. Redding,
County Clerk & Recorder

By [Signature] Deputy

938487

STATE OF MONTANA, }
County of Yellowstone, }

This instrument was filed in my office

this JUN 28 1973 day of 19

at 5:13 o'clock 10 M.

MERRILL F. KLUNDT
County Clerk & Recorder

By _____ Deputy

GROUNDWATER INDEX

Page 1 of 1

County Yellowstone Twp. 25 Rge. 28E

[illegible]

File No. _____
 STATE WATER CONSERVATION BOARD
DUPLICATE

T. _____ R. _____
 County Yellowstone

JAN 13 1965

STATE OF MONTANA

Billings _____ M. D. _____
 Butte _____ M. D. _____
 Co. _____ M. D. _____
 Dateline _____ M. D. _____
 Dickert _____ M. D. _____

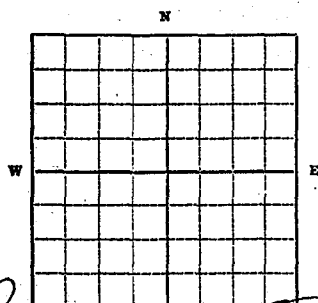
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 21, Montana Session Laws, 1965)

1. Northwestern Mortgage Company, of 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:



SW 1/4 of Sec. 4 - 25-28E
 NE 1/4 of Sec. 9 - 15-28E.
 1/4 Sec. T R

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

2. The beneficial use on which the claim is based
Domestic and Livestock
3. Date or approximate date of earliest beneficial use; and how con-
 tinuous the use has been 1948 Seasonal
4. The amount of groundwater claimed (in miner's inches or gallons
 per minute) Five 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
Gasoline Motor Driven Pump
NONE
6. The means of withdrawing such water from the ground and the lo-
 cation of each well or other means of withdrawal
Gasoline Motor Driven Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
 drawal of groundwater 1948
8. The depth of water table 90 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 90 Feet Steel 8 Inch Casing
10. The estimated amount of groundwater withdrawn each year 1,500,000
11. The log of formations encountered in the drilling of each well if available not known
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 Northwestern Mortgage Compaby Richard C. [Signature]Date December 31, 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
 Quadruplicate for the Appropriator.

10144

GW-4

File No.

DUPLICATE

T 2 S. R. 28 E.

County Yellowstone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODED
OFFICE OF STATE ENGINEER

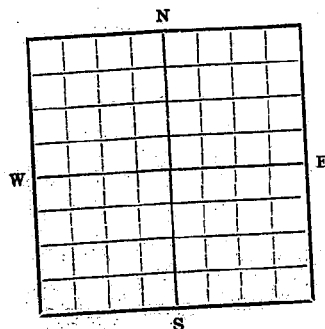
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1962)

STATE ENGINEER

1. Northwestern Mortgage Company, of 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 1/4 NE Sec. 9 T. 25 R. 28 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
Stock use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
date completed - 1959
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
10 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
8. The depth of water table
18 feet from surface of ground.
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
Depth of well is 60 feet with 2 inch casing.
10. The estimated amount of groundwater withdrawn each year
150,000 gallons
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

Northwestern Mortgage Company
Signature of Owner by O. E. Lee
President
Date December 23, 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.

16065

720943

STATE OF MONTANA
County of Yellowstone

This instrument is
this 27 day of DEC 1963

at Billings Montana

County Clerk & Auditor

By [Signature] Deputy

[Signature]

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

Address Hunkley, Montana

For Administrator's Use

File 93848

Date well started

Sept 1951

GW-1 307 p. 471

completed

Sept 1959

Type of well

Drives

(Dug, driven, bored or drilled)

Equipment used

Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐

☒ Municipal ☐

Stock

Irrigation: ☐

Industrial ☐

Drainage

Other: ☐

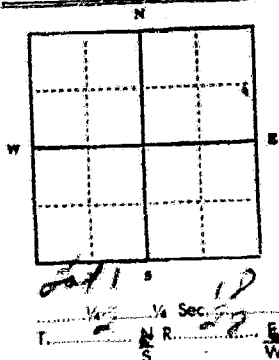
Garden/Lawn ☒

*Describe Household, stock, car, corn, lawns, garden

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 200,000 gal.

Size of Drilled Hole	Size and Weight of Casting	From (Feet)	To (Feet)	PERFORMANCES		
				Kind Size	From (Feet)	To (Feet)
4"	4" 38					



Static water levelft.
Pumping water levelft.
atgallons per minute
measuredminutes 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

Show exact depth of bottom

5555

938481

STATE OF MONTANA } ss.
County of Yellowstone }
This instrument was filed in my office
this JUN 29 1973 day of JUN 1973
at 3:07 o'clock P.M.
by MERRILL A. BLINDT
County Clerk & Recorder
By [Signature] Deputy
76

File No.

T. 25 R. 28E 24

DUPLICATE

LOG

County YellowstoneSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

NOV 10 1964

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 Elta Barner Address Prayer Star RouteDriller B & H Drilling Address Fishtail

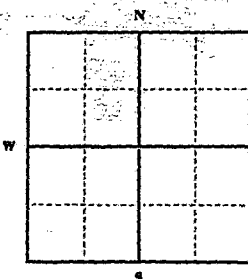
Date of Notice of appropriation of groundwater.....

Date well started 11/5/64 Date completed 11/6/64Type of well Drilled Equipment used Churn Drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

0-13 Top Soil
13-20 Brown Sandy Clay
20-65 Grey S shale
65-70 Grey Sandstone
70-75 Grey S shale

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 inch	2 1/8	14	20 1/2	NONE		
	17 #					
	4 1/2	7-	75	7/16 Holes	63	70
	Plastic					



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

Shut-in Pressure for Flowing Well 184Pumping Water Level 68 feetat 9 gal. per minute.Discharge in gal. per min. of flowing well 124How Tested BaileyLength of Test 2 hrs

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff).....

Sec. 24 T. 25 R. 20E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

75 ft

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

NO 27
Red L Hargan
Driller's Signature

38637

742216

STATE OF MONTANA,
County of Yellowstone,
This instrument was filed in my office
this 12 day of NOV 1964
at 12:02 o'clock P. M.
Edman S. Hedding,
County Clerk & Recorder
[Signature] Deputy
24

File No. STATE WATER CONSERVATION BOARD

DUPLICATE

JUL 27 1967

T 2 N R 28 E

County Yellowstone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Billie _____ McDermott _____
Butterlin _____ McNulty _____
Covey _____ Merton _____
First _____ Sullivan _____
Top of Ground _____
First _____
(Elev. above sea level _____)

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

20' Next 21' Sand & Yellow Clay
Water Rises To A level of _____

30' Next 5' Stick Grey Shale

40' Next 15' stick shale

Next 40' Black Shale

Next 15' Grey Sand Stone

Next 15' Dark Grey Shale

Next 10' Grey Sandy Shale

Next 10' Grey Sand Stone
Well Drilled To A Depth of 135'
Next 5' Black Shale

Owner Mr. Melvin F. Ellis Address 4028 2nd Ave. So. Billings, Mont.
Driller Melvin F. Ellis Address 4028 2nd Ave. So. Billings, Mont.

Date of Notice of Appropriation of Groundwater _____

Date well started June 28, 1965 Date Completed July 5, 1965

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

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

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

Size of Bored Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 1/2" Hole	8" Casing	Top	Down 9'			
	6 5/8" Casing	Top	To Bottom 135'			

Static Water Level for non-flowing Well _____ feet.

Shut-in Pressure for Flowing Well _____

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

Discharge in gal. per min. of flowing well _____

How Tested _____ Length of Test _____

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

1/4 Sec 24 T2N R28E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

165
Driller's License Number
Melvin Ellis
Driller's Signature

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

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

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

42,174

803155

STATE OF MONTANA,
County of Yellowstone,

This instrument was filed in my office
this JUL 28 1967 day of JULY 1967

at 10:30 o'clock
MAE HOFF...ACTING
County Clerk

Jaw

22

File No.

T.2 S. R.28 E., P.M., M.

DUPLICATE

County Yellowstone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Notice of Completion of Groundwater Appropriation
Without Well

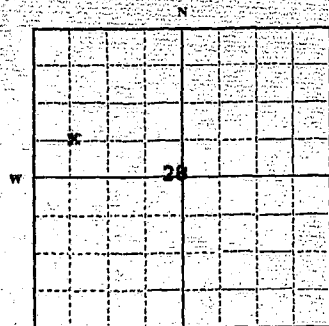
STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater May 1954
Owner Lawrence L. Schaak and William A. Schaak
Address 2414 Spruce
Billings, Montana
Contractor (if any) None
Address of Contractor None

Date Started May 1954 Date Completed May 1954

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



NW 1/4 Sec. 28 T2S R.28E P.M.M.
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

All of the springs flow naturally the year around. .1 cu. foot per second is estimated to be the flow developed and used as stock water and for irrigation from each spring.

Signature of Owner Lawrence L. Schaak William A. Schaak

Date December 20, 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.

721109

STATE OF MONTANA
County of Teton

This instrument was
this _____ day of DEC 30 1963
at 8:26 o'clock

Edmon S. Redding
County Clerk & Recorder

By Jaw Deputy
L W

File No.

T. 2 S. R. 28 E. P. M., M.

DUPLICATE

County Yellowstone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

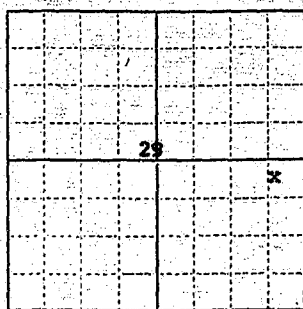
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater May 1954
Owner Lawrence L. Schaak and William A. Schaak
Address 2414 Spruce
Billings, Montana

Contractor (if any) NoneAddress of Contractor NoneDate Started May 1954 Date Completed May 1954

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



SS. 1/4 Sec. 29 T. 28 R. 28 E. P. M., M.
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.....

All of the springs flow naturally the year around. .1 cu. foot per second is estimated to be the flow developed and used as stock water and for irrigation from each spring.

Signature of Owner Lawrence L. Schaak William A. SchaakDate December 20, 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.

721113

STATE OF MONTANA,
County of Yellowstone,

This instrument was filed in my office
this day of DEC 30, 1963

at 8:30 o'clock P. M.

Edmon S. Redding,
County Clerk & Recorder

By J. M. 20 Deputy

File No.

T. 2 S. R. 28 E., P. M., M.

DUPLICATE

County Yellowstone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECEMBER 20, 1963
JAN 2 1964

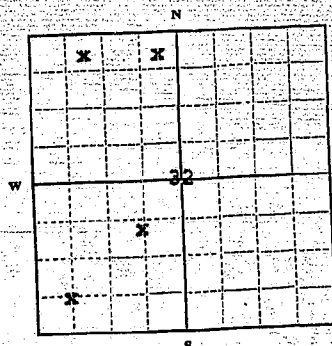
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater May 1954
Owner Lawrence L. Schaak and William A. Schaak
Address 2414 Spruce
Billings, Montana

Contractor (if any) NoneAddress of Contractor NoneDate Started May 1954 Date Completed May 1954

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



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.

W4 30 Sec 32 T. 28 R. 28 E. All of the springs flow naturally the year around. 1 cu foot per second is estimated to be the flow developed and used as stock and for irrigation from each spring.

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

Signature of Owner Lawrence L. Schaak William A. Schaak

Date December 20, 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.

721843

STATE OF MONTANA,
County of Yellowstone,

This instrument was filed in my office
this DEC 31 1963

at 5:28 o'clock PM

Edman S. Redding,
County Clerk & Recorder

By [Signature] Deputy

1 200

File No.

T. 28 R. 23 E. S. 14 M. 1.

DUPLICATE

County Yellowstone

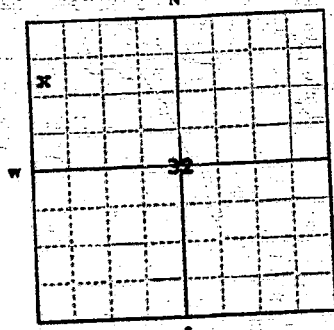
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater May 1954Owner Lawrence L. Schaak and William A. SchaakAddress 2414 Spruce
Billings, MontanaContractor (if any) NoneAddress of Contractor NoneDate Started May 1954 Date Completed May 1954Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. the water is obtained fromsurface springs by sub-irrigation and other
natural processes.

NW 1/4 Sec 32 T. 28 R. 23 E. S. 14 M. 1.

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 All of thesprings flow naturally the year around..1 cu foot per second is estimated to be theflow developed and used as stock water andfor irrigation from each spring. This spring
is developed to supply domestic water.Signature of Owner Lawrence L. Schaak and William A. SchaakDate December 20, 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.

721111

STATE OF MONTANA,
County of Yellowstone.

This instrument was filed in my office:

this 20 day DEC 1963 at 8:28 o'clock A M.

Edmon S. Redding,
County Clerk & Recorder

By J. L. L. Deputy
20

File No.

T. 2 S. R. 28 E., P.M., M.

DUPLICATE

County Yellowstone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER

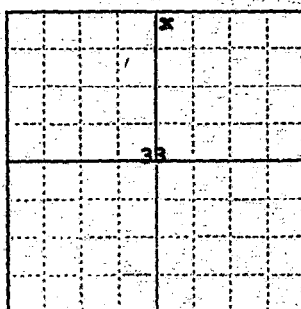
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater May 1954
Owner Lawrence L. Schaak and William A. Schaak
Address 2414 Spruce
Billings, Montana
Contractor (if any) None
Address of Contractor None
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. the water is obtained from surface springs by sub-irrigation and other natural processes.

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



NE 1/4 Sec 33 T28 R28E
Indicate point of appropriation and place of use, if possible.

All of the springs flow naturally the year around. .1 cu. foot per second is estimated to be the flow developed and used as stock water and for irrigation from each spring.

Signature of Owner Lawrence L. Schaak and William A. Schaak

Date December 20, 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.

721114

STATE OF MONTANA
County of Yellowstone

This instrument was filed in my office
this DEC 20 day 1939

at 8:31 o'clock 7 M.

Edmon S. Redding
County Clerk & Recorder

By 7-4-4 Deputy

20

GROUNDWATER INDEX

Page 1 of 1

County Yellowstone Twp. 25 Rge. 29E

[illegible]

File No.

DUPLICATE

T2 S R 29 E 2

County Yellowstone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

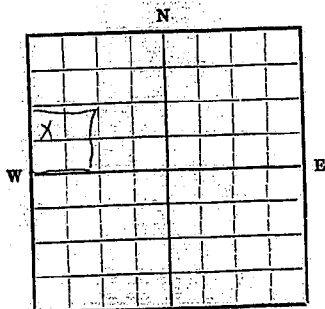
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED

DEC 30 1963

STATE ENGINEER

Josephson
Margaret J. Trask and Harriet J. Josephson, of 530 Avenue D 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:



NW 1/4 of SW 1/4 of

NW 1/4 of Sec 2 T2S R 29 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 stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1919 and indeterminate period prior thereto
4. The amount of groundwater claimed (in miner's inches or gallons per minute) unknown
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 no
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal natural flow
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1919-natural flow
8. The depth of water table unknown
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 natural flow
10. The estimated amount of groundwater withdrawn each year unknown
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner *Harriet J. Josephson*

Date December 28, 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.

16154

721145

STATE OF MONTANA
County of Yellowstone
This instrument was recorded on DEC 30 1963
at 7:40 o'clock P. M.
Edmon S. Redding,
County Clerk & Recorder
By J. L. Deputy

GW

File No.

DUPLICATE

T. 2 S. R. 29 E.

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

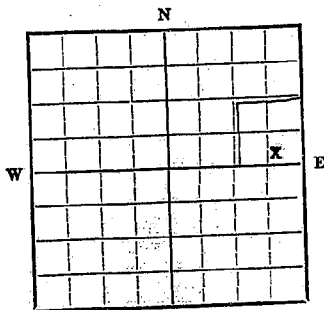
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Josephson.

Margaret J. Trask and Harriet J. of Billings (530 Avenue D)
(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 $\frac{1}{4}$ of SE $\frac{1}{4}$ of NE $\frac{1}{4}$ of

$\frac{1}{4}$ Sec. 3 T28 R. 29 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
stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1919 and indeterminate period prior thereto
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
unknown
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
no
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
natural flow
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1919-natural flow
8. The depth of water table
unknown
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
natural flow
10. The estimated amount of groundwater withdrawn each year
unknown
11. The log of formations encountered in the drilling of each well if available
none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date December 28, 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.

16150

721141

STATE OF TEXAS
County of Wichita
This instrument was filed for record
this DEC 30 1963
at 9:36 o'clock A.M.
Edna S. Halling,
County Clerk & Recorder
By Jew
200

923635

Billings, Montana

6064 1134

6064 1134

Billings

Billings

Sam W. Mitchell Building
Helena, Montana 59607

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-

Special Instructions:

information as indicated in red on the attached form.

Shawn

Don't

1/18/73

52,065

STATE OF MONTANA, ss.
County of Yellowstone.
This instrument was filed in my office
this DEC 12 1972 19
at 3:00 o'clock P. M.
MERRILL H. KLUNDT
County Clerk
By Carol B. Burt Deputy

\$200

Doc. No.

923635

2

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DEC 26 1972

DRILLER'S LOG

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 R. Scott, Jr.
Address P.O. Box 1972
Billings, Montana
Date well started 3/28/62
completed 4/6/62
Type of well Drilled
Equipment used Rotary
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 26,280,000 gal.

For Administrator's Use
File 923.6.35
Dec. 22, 1972
GW 3:00 PM

Size of Drilled Hole 9 1/2
Size and Weight of Pipe 2381
From (Feet) 0
To (Feet) 2997

PERFORATIONS
Kind Size From (Feet) To (Feet)
7

Static water level 800 ft.*
Pumping water level 2000 ft.*
at 70 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by pump
for 4 hours.
Power 100 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) _____
4-2655

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.
Driller's Signature Company Bankrupt
Driller's Address Big Snowy Drilling Co
Billings, Mont. LICENSE NO. Not Known

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		
From (Feet)	To (Feet)	
1800	2470	Shale, gray, chunky, silty, carbonaceous
2470	2680	Shale, silty, white to light brownish gray, somewhat fissile
2680	2710	Sandstone, white, fine, quartzose, then becomes more porous but very slightly permeable
2710	2830	Shale, variegated
2830	2990	Conglomerate, shale, sandstone, white, to pale green, fine to medium
2990	2997	Shale, variegated, brown and white, as above

2997 Show exact depth of bottom

521064

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DEC 26 1972

DRILLER'S LOG

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 R. Scott, Jr.

Address P.O. Box 1972

Billings, Montana

Date well started 3/28/62

completed 4/6/62

Type of well Drilled

Equipment used Rotary

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

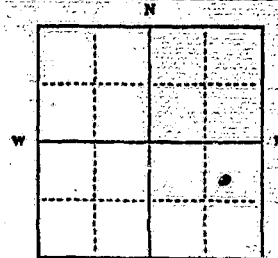
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*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 26,280,000 gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
9 1/8	23 1/4	0	2977			



Static water level 500 ft.
Pumping water level 2000 ft.
at 10 gallons per minute,
measured 6.2 minutes after pumping
began.
*Measured from ground level.
Well developed by 2 1/2 hrs.
for 4 hours.
Power 200 Pump 100 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)
2 1/2 hrs.

NE 1/4 SW 1/4 Sec. 5
T. 2 S. N. R. 27 E.

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

Driller's Signature Company Bankrupt

Driller's Address Big Snowy Building Co

Billings, Mont. LICENSE NO. Not Known

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 3700 (Elev. above sea level)

From (Feet)	To (Feet)	
1000	2470	Shale, gray, sandy, silty, carbonaceous
2470	2680	Shale, silty, white to light brownish gray, granular, extremely fine
2680	2710	Sandstone, white, fine, granular, non-binding, some porosity but very little permeability
2710	2830	Shale, variegated
2830	2990	Conglomerate, shale, silty, brown, white, tipple, gray, fine to medium
2990	2997	Shale, variegated, brown, silty, as above

2977 Show exact depth of bottom

521064

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.

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 Mr. John Scott

Address Scott Ranch Co.

Billings, Montana

Date well started June 16, 1972

completed June 20, 1972

Type of well.....Drilled

(Dug, driven, bored or drilled)

Equipment usedRotary.

(Church drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

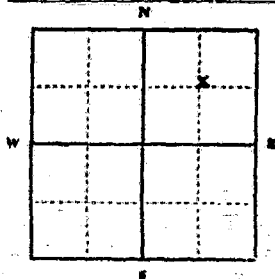
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***Describe**

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Str.	From (Feet)	To (Feet)
	10 3/4" / 33#	Surf.	80	Carrier Gun-4"	20 shots	
9"	7"/23#	80	2956'	"	2880	2890
				"	14 shots	
					2896	2903
				"	32 shots	
					2906	2922



Static water level468.....ft.
Pumping water levelft.
atgallons per minute,
measuredminutes after pumping
began.

*Measured from ground level.

Well developed by

for hours.

Power _____ Pump _____ HP _____

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

NE 1/4 - 1/4 Sec. 5

Y. 2 N R. 20 E

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

Driller's Signature _____

Driller's Address Box 869, Billings, Montana

MOLEN DRILLING CO., INC.

P. O. BOX 869

BILLINGS, MONTANA 59103

LICENSE NO.

3023 ft. Show exact depth of bottom

521065

1413

1973 STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
DEPARTMENT OF NATURAL RESOURCES
MONTANA WATER RESOURCES BOARD

DEC 26 1972

**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 Mr. John Scott.

Address Scott Ranch Co.

...Billings, Montana

Date well started June 16, 1972

completed June...20.,...1972

Type of wellDrilled

(Dug, driven, bored or drilled)

Equipment used ...Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

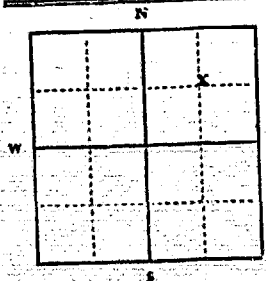
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	10 3/4" / 33#	Surf.	80	Carrier Gun-4"	20 shots	
9"	7" / 23#	80	2956'	"	2880	2890
				"	14 shots	
				"	2896	2903
				"	32 shots	
				"	2906	2922



Static water level 468 ft.
Pumping water level 472 ft.*
at gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.

Well developed by ... *Quinn*

Well developed by 5 hours.

for 2 hours.
Burn

Power..... **Pump**.....
..... General packing corp.

Remarks: (Gravel packing, cement
f. ch. stuff)

NE 1/4 - 1/4 Sec. 5

T. 2 N R. 22

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

Driller's Signature _____

Driller's Address.

MOLEN DRILLING CO., INC.

FOI b 7

ENUNGS, MORTANA 57103

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.

Est.

(Elev. above sea level)

3680

Top of Ground

[illegible]

3023 ft. Show exact depth of bottom.

File No. 684365

DUPLICATE

Filed: 5-14-62
 11:40 AM
 7-2-62

Top of Ground

(Elev. above sea level 3700)

0	100	Clay & Gravel
100	1480	Shale
1480	1510	Shaly Sand
1510	2650	Shale
2650	2680	Siltstone
2680	2700	Graybull sand
2700	2710	Sandstone
2710	2830	Shale
2830	2890	Sand
2890	2960	Shale
2960	2990	Sand
2990	2997	Shale

PACKER SET @ 2907'

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1981)

Owner Hubert E. Woodard Address 1353 Ave. G.
Billings, Montana
 Driller Big Snowy Drilling Address Box 2083
Billings, Montana

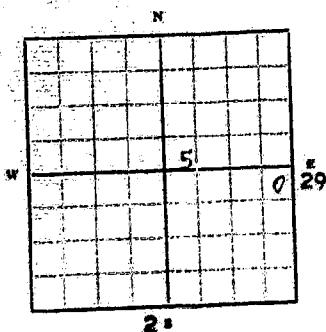
Date of Notice of Appropriation of Groundwater Filed
 Date well started 3-28-62 Date Completed 4-6-62

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
15"	10-3/4"	0	113	Cemented w/ 100 sz regular cement		
9"	7" 23#	0	2997	Slotted	2970 2832	2995 2900



NE 1/4 SE Sec. 5, T. 2N R. 29E

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 0 feetShut-in Pressure for Flowing Well 0Pumping Water Level 400 feet at 20 gal. per minute.Discharge in gal. per min. of flowing well 1/2 gal. per min.How Tested pumped Length of Test 24hrs.

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)

Montana No. 67
 Driller's License Number

H. J. William
 Driller's Signature

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

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

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

GROUNDWATER INDEX

Page 1 of 1

County Yellowstone Twp. 3S Rge. 24E

[illegible]

Form No. 18
8-60

T. 38 R. 24
County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962

Water Well Log

Owner Harold Earl Wapner Address W. J. Sullivan, Mont.
Driller Sam R. K. Address Same
Date Started May 14-61 Date Completed July 2-61
Location: Sec. 5 T. 38 R. 24 $\frac{1}{4}$ sec. SE 1/4 NE 1/4

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

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

Casing: _____ ft. to _____ ft. Type Cement Size 2 ft

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: 4 feet.

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

Pumping water level 1 feet at 2 gal. per min. _____

How tested: _____

Length of test _____

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

(over)

Form No. 18
8-60

T. 38 R. 24
County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962

Water Well Log

STATE ENGINEER

			X

Owner Howard Earl Wayne Address Bl. 1 Helena
Driller Samuel J. [unclear] Address Helena
Date Started Sept 1 - 60 Date Completed Sept 1 - 60
Location: Sec. 5 T. 35 R. 24 sec. SE 1/4 NE 1/4

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

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

Casing: _____ ft. to _____ ft. Type Cement Size 2 ft

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 _____ gal. per min.

How tested: _____

Length of test _____

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

(over)

T. 38 R. 24
County Up. Nevada

JAN 2 1967

STATE ENGINEER

[illegible]

Owner Harvard Earle Wingard Address Bd. 1, Hiesia, nat
Driller Same Address Same
Date Started Oct. 3-58 Date Completed Oct 28-58
Log on: Sec. 5, 38, 24 Sec. SE 4 NE 4

Type of well dug Equipment used Shovel
(Dug, driven, or drilled) (Chain, drill, rotary
other)

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

Casing: ft. to ft. Type Cement Size 2 1/2

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: 3 feet.

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

Pumping water level 3 feet. at 4 gals. per min.

How tested: _____

Length of test: _____

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

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

Form No. 18
8-60

T. 3 S R. 24
County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962

Water Well Log

Owner Howard Earl Wagner Address St. 1 Slesian 2nd
Driller James 28 Address James
Date Started May 31-59 Date Completed July 6-59
Location: Sec. 5 T. 3 S R. 24 $\frac{1}{4}$ sec. NE $\frac{1}{4}$ NE $\frac{1}{4}$

STATE ENGINEER

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

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

Casing: _____ ft. to _____ ft. Type Cement + Size 6 ft. casing

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: 5 feet.

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

Pumping water level 5 feet at 3 gal. per min.

How tested: _____

Length of test _____

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

(over)

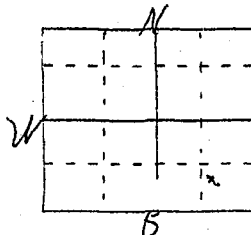
Form No. 18
8-60

T. 3 S. 24 E
COUNTY Yellowstone
RECEIVED
JAN 2 1962

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

STATE ENGINEER



Owner Loren Webster Address Silesia Mont

Driller _____ Address _____

Date Started _____ Date Completed 1902

Location: Sec. 5 T. 3 R. 24 E Sec. SE 1/4 & SE 1/4

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

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

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

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: varies with rise & fall of river ft.

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

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

How tested: _____

Length of test _____

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

Well is 26 ft deep

Form No. 18
8-60

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 35 R. 24E
COUNTY Yellowstone
RECEIVED
JAN 7 1962

STATE ENGINEER

Water Well for

Owner Loren Webster Address Silesia Mont

Driller _____ Address _____

Date Started _____ Date Completed 1915

Location: Sec. 5 T. 3 R. 24E Sec. SE 4 of SE 4

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

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

Casing _____ ft. to 39 ft. Type River Bankiers

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: 20 ft 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)
Well is 39 ft deep