

County Deer Lodge Twp. N L D Rge. _____

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
	Anacarde county club	GW 2	—	
	Bell, Darwin	Well log	—	
	Fisher, Donald	" "	78753	
	Fries, Bernard	GW-2	81258	
	Galle Sr, Hugo	Well log	—	
	" "	" "	—	
	Gonzales, Ygancian	" "	—	
	Grice, Lillian, Mrs.	" "	—	
	" "	" "	—	
	Hancock, Gerald C.	GW-2	—	
	Holliday, Lucy E.	GW-4	—	
	Frankovick, Dan	Well log	76958	
	Johnston, Edward C.	" "	—	
	Kaye, La Veorn	" "	—	
	Keefer, Ira Allen	" "	—	
	Kennedy, Thomas	" "	—	
	Kovacic, John P.	" "	—	
	McKenna, Clarence	GW 2	95393	
	Moody, Carl J.	GW 4	—	
	Muir, James J.	Well log	—	
	Newman, Willard L.	GW 2	—	
	Presker, Frances	4	81319	
	Russell, John E.	2	81387	
	Stevenson, Donald	Well log	—	
	Stuge Meyer, Clarence	GW 2	88939	
	Sybrandt, Cecil K.	Well log	—	
	Tauscher, Gilbert and Florence	GW-2	99740	
	" "	2	99741	
	" "	2	99742	
	Thompson, Owen	2	95916	
	Thompson, Theo L.	Well log	—	
	Vauthier, Gustav	" "	—	
	West, Levi	" "	—	
	Wald, Ralph E.	" "	—	

File No.

STATE WATER CONSERVATION BOARD

T.....R.....

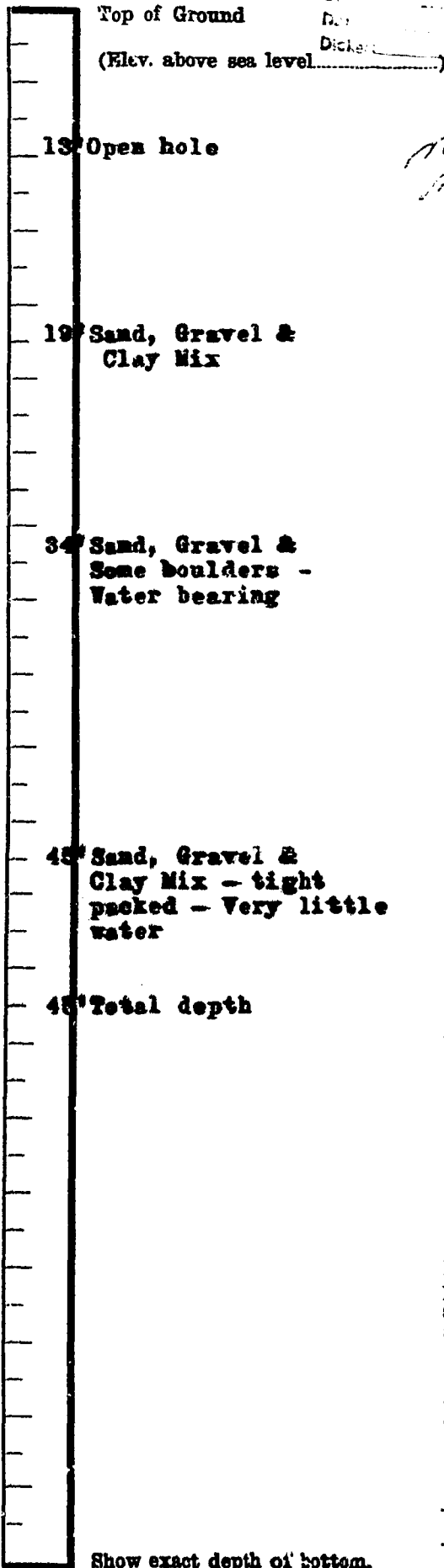
DUPLICATE

AUG 12 1966

County Deer Lodge

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

no number

Owner Anaconda Country Club Address East of Anaconda

Driller C. E. Wreble Address Millcreek, Etc. 1 Anaconda, Montana

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

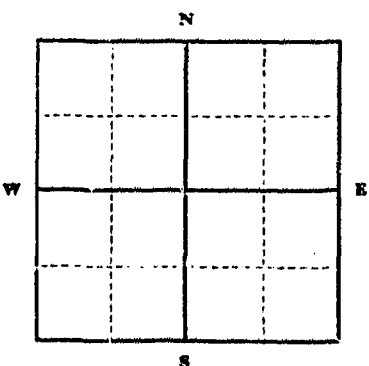
Date well started May 13, 1966 Date completed May 18, 1966

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
10"	10" 35 lb. per ft.			3/8x5"	19'	40'



Static Water Level for non-flowing well 1 feet.

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

Pumping Water Level..... 24 feet
at..... 200 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... Bailer and

Length of Test..... 2 Hrs.

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

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

(Continue on reverse side)

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

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

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

.....
Driller's License Number

C. E. Wreble
Driller's Signature

RECEIVED

T. _____ R. _____

County Deer Lodge

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Darwin Bell Address Last Creek

Driller C.F. Erable Address PO Box 110

Anaconda Mont.

Date Started _____ Date Completed _____

Location: Sec. _____ T. _____ R. _____ 1/4 sec. _____

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

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

Casing: Surface ft. to 24' ft. Type Standard 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 _____

Static Water level, for non-flowing well: _____ 12' feet.

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

Pumping water level _____ 14 feet at _____ 30 gal. per min.

How tested: bailed

Length of test _____ 2 hrs.

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

(over)

RECEIVED

T. R.

County Deer Lodge

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Donald Filcher Address

Driller C. F. Wreble Address PO Box 170
Anaconda Mont.

Date Started July 19 1959 Date Completed July 19 1959

Location: Sec. T. R. ¼ sec.

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other:

Casing: Surface ft. to 27 ft. Type Standard 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

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

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

Pumping water level 10' feet at 20 gal. per min.

How tested: Pumped

Length of test One hour

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

(over)

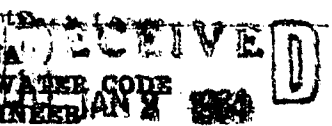
File No.

T. R.

DUPLICATE

County

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)

Owner Bernard Fritz Address 32 Mt. View

Driller C.F. Wroble Address 1111 1/2 Ave. 1
Anaconda Montana

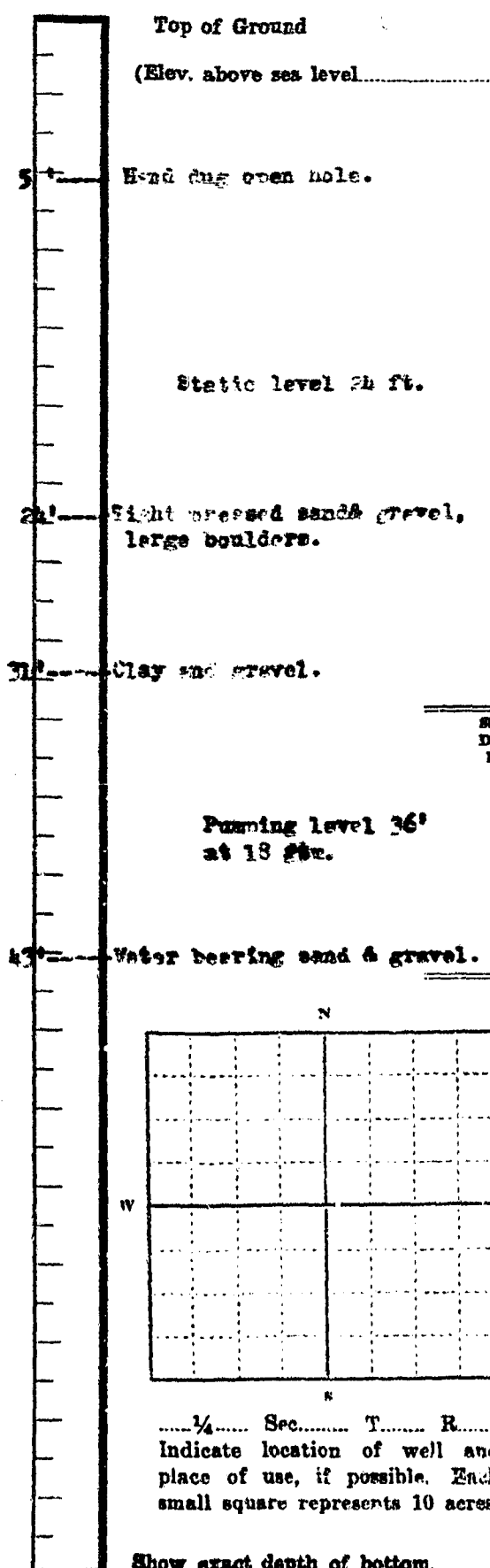
Date of Notice of Appropriation of Groundwater

Date well started May 24 1929 Date Completed Aug 29 1929

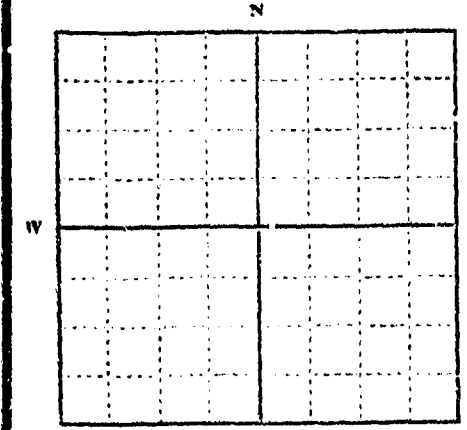
Type of well Drilled Equipment Used Churn drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 19.5 lb.	5'	43'	Slots 5"x7/16"	37'	43'



Static Water Level for non-flowing Well 23' feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 36' feet at 18 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BALLOON Length of Test 1 1/2 hrs.

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

Show exact depth of bottom.

Exact depth 43 ft.

Driller's License Number

C.F. Wroble
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.

81258

FILED FOR RECORD
December 30 1968
at 28 minutes past 1:00 o'clock
M. ANNA QUIGLEY
County Recorder
J. M. Brown

RECEIVED

T. _____ R. _____

County Beauregard

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Hugo Galle Sr. Address _____

Driller C. J. Wroble Address Box 170
ANDERSON MONT.

Date Started Jan. 17 1959 Date Completed Jan. 28 1959

Location: Sec. _____ T. _____ R. _____ 1/4 sec. _____

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

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

Casing: Surface ft. to 53 ft. Type Standard Size 10 in.

Casing: 53 ft. to 66 ft. Type Standard Size 8 in.

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

Perforated or Screened: Ft. Surface to ft. 53 Ft. 53 to ft. 66

Type of screen or perforations 3/8 in. x 5 in. slots

Static Water level, for non-flowing well: _____ 15' feet.

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

Pumping water level _____ 60 feet at _____ 200 gal. per min.

How tested: Holed and air compressor

Length of test: 2 hours

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

(over)

RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. _____ R. _____

County Deer Lodge

WATER WELL LOG

Owner Euge Galle Sr. Address _____

Driller C.P. Wroble Address PO Box 170
Anaconda Mont.

Date Started _____ Date Completed _____

Location: Sec. _____ T. _____ R. _____ 1/4 sec. _____

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing Surface ft. to 39 ft. Type Common Black Size 4"

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: _____ 12 ft. _____ feet.

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

Pumping water level _____ 27' feet at _____ 12 gal. per min.

How tested: Bailer Tested

Length of test _____ 1 1/2 hours

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

(over)

RECEIVED

FEB 5 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T.....R.....
County Deer Lodge

WATER WELL LOG

Owner Ygancion Gonzales Address 221 Permay St.
P.O. Box 170
 Driller C.F. Wroble Address Anaconda, Mont.
 Date Started Jan. 9 1958 Date Completed Jan. 11 1958
 Location: Sec..... T..... R..... $\frac{1}{4}$ sec.....

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

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

Casing: 4 ft. ft. to 55 ft. Type Common black Size 6 in.

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

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

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

Type of screen or perforations.....

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

27

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

Pumping water level..... 28 feet at..... 12 gal. per min.....

How tested: Eslier

Length of test..... one hour

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

.....

(over)

RECEIVED
MAY 27 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T.....R.....

County Deer Lodge

WATER WELL LOG

Owner Mrs. William Price Address RS1 Opportunity
Acacanda Mont.

Driller G. J. Froble Address Acacanda Mont.
PO Box 170

Date Started April 30 1958 Date Completed May 1 1958

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

Type of well..... Equipment used Churn drill
(See notes: bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other:.....

Casing: 3 ft. to 14 ft. Type Standard 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.....

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)

RECEIVED
NOV 26 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. _____ R. _____
County Deer Lodge

WATER WELL LOG

Owner Mrs. Lillian Grice Address Pratt Opportunity
Aracanda Mont.
PO Box 170
Driller C. F. Wroble Address Aracanda Mont.
Date Started April 30 1958 Date Completed May 1 1958
Location: Sec. _____ T. _____ R. _____ 1/4 sec. _____

Type of well _____ Equipment used Cherry Drill
(Dig, drive, core, or drilled) (Cable tool, rotary, other)

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

Casing: 3 ft. to 38 ft. Type Standard 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 _____

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: umped

Length of test: One hour

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



(over)

RECEIVED

NOV 27 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. _____ R. _____

County Deer Lodge

WATER WELL LOG

Owner Mr. William W. W. W. Address PR-1 Opportunity

Driller C. J. W. W. Address 10 Box 170

Date Started March 1958 Date Completed March 1958

Location: Sec. _____ T. _____ R. _____ 1/4 sec. _____

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing: surface ft. to _____ ft. Type standard 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: _____ feet.

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

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

How tested: air lift and pumped

Length of test: 2 hours

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

(over)

File No.

T. R. *Deer Lodge*
County *Deer Lodge*

DUPLICATE

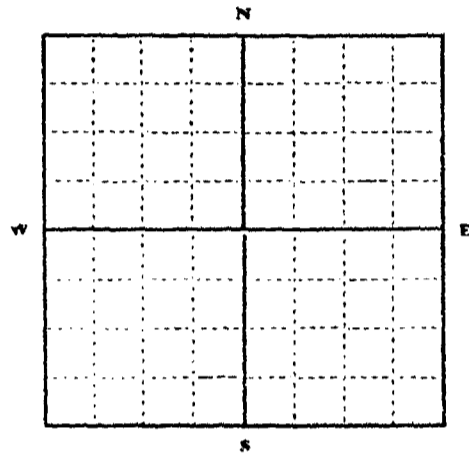
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 22 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. *Msrs Lucy C. Holliday, of Box 1046, Anaconda*
(Name of Appropriator) (Address) (Town)
County of *Deer Lodge* State of *Montana*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based *Domestic*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been *1957*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) *12 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
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *Shallow Well Jet Pump*

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *1957*
- 8. The depth of water table *22'*
- 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 in drilled 2" casing
- 10. The estimated amount of groundwater withdrawn each year *80,000 gallons*
- 11. The log of formations encountered in the drilling of each well if 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

Signature of Owner *Lucy C. Holliday*
Date *1-9-64*

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.

MONTANA WATER RESOURCES BOARD

File No.

RECEIVED

T. R.

DUPLICATE

SEP 26 1967

County Deer Lodge

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

8 ft. Open hole

Owner Ronald G. Harcock Address Antelope Gulch

Anaconda, Mont.

Driller C. P. Vreble Address Rte. 1, Millcreek

Anaconda, Mont.

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

26 ft. Sand, Gravel
Boulders

Date well started July 13, 1966 Date completed July 17, 1966

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

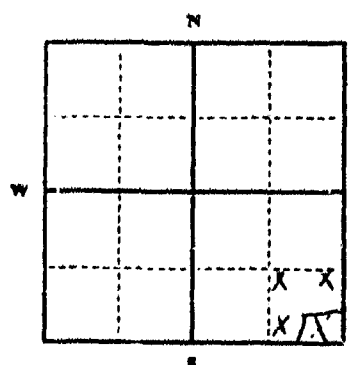
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

94 ft. casing

107 ft. Intermittent
Sand, Gravel
Clay mix
Total depth

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6"			3/16x4	95	100
	20 lbs. per ft.					



Static Water Level for non-flowing well 97 feet.

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

Pumping Water Level 99 feet
at 20 gal. per minute.

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

How Tested Bailer

Length of Test 2 hrs.

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

..... $\frac{1}{4}$Sec..... T..... K.....
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

C. P. Vreble

Driller's Signature.

81685

FILED FOR RECORD

January 20 1964
at 10 minutes past 2 o'clock
P.M. Anna Douglas
County Recorder

By _____
20 _____

T. _____ R. _____

County: Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

Owner: San Ivaskovich Address _____

Driller: C. J. Jacobs Address: Mill Creek RFD #1

Anacosta Montana

Date Started _____ Date Completed _____

Location: Sec _____ T _____ R _____ 1/4 sec _____

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing: Surface ft. to 117 ft. Type: Standard Size: 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: _____ feet.

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

Pumping water level: 132 feet at 15 gal. per min.

How tested: AIR CONDENSOR

Length of test: 16 hrs.

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	
Surface	1'	Top soil
1'	44'	Sand gravel and large boulders with clay.
44'	55'	Clay and gravel
55'	58'	Loose gravel
58'	61'	Med. hard volcanic ash layer
61'	65'	Sand and gravel some clay.
65'	72'	Clay and sand.
72'	74'	Sand and gravel.
74'	100'	Sandy clay Heavy mica.
100'	121'	Sandy clay Intermittent mica.
121'	122'	Sand and gravel water bearing.
127'	137'	10' liner.

COUNTY OF CALHOUN
 REGISTERED SURVEYOR
 ANTHONY J. HASKINS

At 11:30 AM on 11/11/10
 ANNA QUISTLEY
 County Clerk

21958

T.....R.....

County Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
AUG 17 1951

WATER WELL LOG

STATE ENGINEER

Owner Edward C. Johnson Address 511 E. Third St.

Anaconda Montana

Driller C. F. Noble Address Mill Creek Road

Anaconda Montana

Date Started Aug. 17, 1951 Date Completed Aug. 18, 1951

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

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

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

Casing: 2 ft. to 34 ft. Type Standard 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.....

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

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

Pumping water level..... 30' feet at..... 18 gal. per min.....

How tested: runned

Length of test..... 2 1/2 hrs.

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

(over)

T.....R.....
County.....

RECEIVED

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner L. Vern Kaye Address Lost Creek
Mont.
Driller C. F. Froble Address Box 170
Mont.
Date Started Aug. 3, 1960 Date Completed Aug. 3, 1960
Location: Sec..... T..... R..... 1/4 sec.....

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

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

Casing: 10 ft. to 40 ft. Type Standard Size 6"

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

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

Perforated or Screened: Ft. 38 to ft. 40 Ft. to ft.

Type of screen or perforations plate 3/16" x 5"

Static Water level, for non-flowing well: 25 feet.

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

Pumping water level 38 feet at 20 gal. per min.

How tested: filled

Length of test 1 hr.

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	
Surface	10'	Open hole
10'	30'	Dark gravel and large boulders
30'	43'	Brown weathered and fissured Granite, water bearing.

at 5/7 minutes 1/2
 M. ANNEA CUTLEY
 Clerk and Recorder
 DEPT. OF GEO. SURV. WISCONSIN
 DEPARTMENT
 By: *[Signature]*
 1906
FILED FOR RECORD



T.....R.....
County Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner ^{IRA} Allen L. Lalar Address.....
Driller C. E. Sample Address: U. Box 170 Montana cont.
Date Started March 9, 1958 Date Completed March 7, 1958
Location: Sec..... T..... R..... ¼ sec.....

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

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

Casing: 3 ft. to 24 ft. Type common black Size 4 in.
Casing:..... ft. to..... ft. Type..... Size.....
Casing:..... ft. to..... ft. Type..... Size.....

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

Type of screen or perforations.....

Static Water level, for non-flowing well:..... 12 ft. feet.

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

Pumping water level..... 18 ft. feet at..... 15 gal. per min.....

How tested: faller

Length of test..... one hour

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

(over)

RECEIVED
APR 21 1958
STATE ENGINEER

T. _____ R. _____

County Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner ^{T.R.A.} Allen Keeler Address _____

Driller C.F. Noble Address O. Box 170 Mont. Idaho

Date Started March 6, 1958 Date Completed March 7, 1958

Location: Sec. _____ T. _____ R. _____ 1/4 sec _____

Type of well drilled (Sag. driven, bored, or drilled) Equipment used churn drill (Churn drill, rotary, other)

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

Casing: 3 ft. to 24 ft. Type common black Size 4 in.

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

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

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

Type of screen or perforations _____

Static Water level, for non-flowing well: _____ 12 ft. feet

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

Pumping water level 18 ft. feet at 15 gal. per min.

How tested: Ballot

Length of test one hour

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

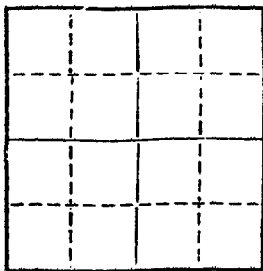
(over)

T. _____ R. _____

County Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner Thomas K. Kennedy Address 1590 Morrison Ave. Butte, Mont.
Driller C. F. W. Rouse Address Anaconda, Mont.
Date Started July 30, 1957 Date Completed Aug 2, 1957
Location: Sec. Rear of Service Station T. _____ R. _____ 1/4 sec. 204th Log Ka na Radio Center

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

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

Casing: 6 ft. to 37 ft. Type Common black Size 6"
Casing: 37 ft. to 60 ft. Type Common black Size 4"
Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 37 to ft. 60 Ft. _____ to ft. _____

Type of screen or perforations Slots 1/2" x 8"

Static Water level, for non-flowing well: 31 (Thirty one) feet.

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

Pumping water level: 41 feet at 12 gal. per min.

How tested: Barber Check

Length of test: 2 hr.

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

(over)

RECEIVED

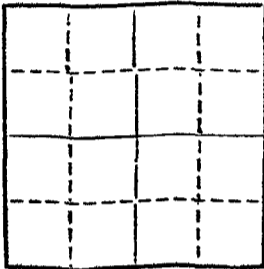
NOV 1 1957

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. _____ R. _____
Deer Lodge
County _____

WATER WELL LOG



Owner John P. Kovacich Address 1201 W. 4th. Anaconda, Mont.
Driller C.F. Wroble Address P.O. Box 170 Anaconda, Mont.
Date Started Nov. 7, 1957 Date Completed Nov. 8, 1957
Location: Sec. _____ T. _____ R. _____ ¼ sec. _____

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

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

Casing: 4' ft. to 30' ft. Type Common black 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: _____

Static Water level, for non-flowing well: _____ 14' _____ feet.

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

Pumping water level _____ 24' feet at _____ 32 gal. per min.

How tested: Bailer

Length of test _____ 2 hr.

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

(over)

File No. 41

T. _____ R. _____

QUADRUPLICATE

RECEIVED

County D. H. Hughes

MAY 24 1971

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Opportunity Address Amundson

Doc. No. 95393

Driller R. M. Wood Address P.O. Box 171 AAA

Filed for record

this 21 day of May Date of Notice of appropriation of groundwater

A. D. 19 71 at 11:45 o'clock A M. Date well started May 12-71 Date completed May 14-71

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

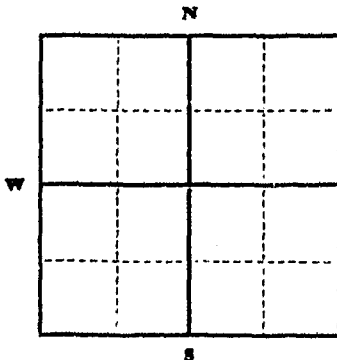


Top of Ground
(Elev. above sea level 512)

512

Clay

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17 LB.	0	35	Cutting tool	1'	6'



Sand and Gravel

Static Water Level for non-flowing well 24' feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 21 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailed

Length of Test 2 hrs

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

1/4 Sec. _____ T. _____ R. _____
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).

Not Applicable

35 Ft
Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

485024

File No. 4

95393
MONTANA WATER RESOURCES BOARD
RECEIVED

T. R.

QUADRUPLICATE

County Deer Lodge

MAY 24 1971

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level 5280)

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Clarence McKenna Address Opportunity Anaconda

Doc. No. 95393

Driller R. Mead Address Box 139 Anaconda

Filed for record

this 21 day of May Date of Notice of appropriation of groundwater

A. D. 19 71 at 11:45 o'clock A M. Date well started May 13 - 71 Date completed May 14 71

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

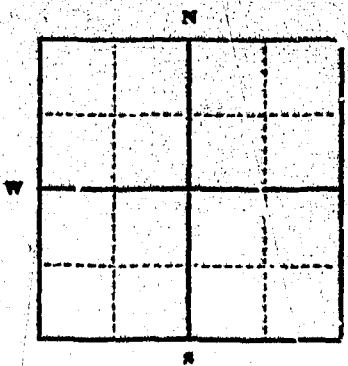


Clay

Sand
And
Gravel

35 Ft
Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	Description		
				From	To	Description
6"	17 LB.	0	35			Cutting torch 6"



Static Water Level for non-flowing well 24 feet

Shut-in Pressure for Flowing Well

Pumping Water Level 21 feet at 30 gal. per minute

Discharge in gal. per min. of flowing well

How Tested Bailed

Length of Test 2 hr.

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

Not Applicable

1/4 Sec. T R. B
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).

Not Applicable

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.

209
Driller's License Number

Robert Mead
Driller's Signature

485024

95393

FILED FOR RECORD

May 21 1971
at 15 minutes past 11 o'clock
9 M

HELEN L. LOVELL

County Recorder
By Patricia Beckler
Deputy

\$ 2.00

File No.

T. R.

DUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

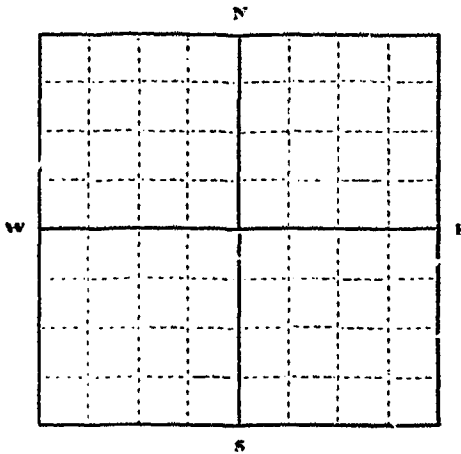
RECEIVED

JUL 2 1969

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Carl J Moody of Cable Road Arcadia
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based DOMESTIC

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1935 OR EARLIER WITH CONTINUOUS USE

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 16991

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 2 INCH PIPE LINE 4 FT SAME WITH REDUCTION TO 2 INCH PIPE AT POINT OF USE

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1935 OR EARLIER

8. The depth of water table

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 PIPE LINE AS DESCRIBED IN 6 FROM NATURAL FLOW OF WATER FROM SPRING

10. The estimated amount of groundwater withdrawn each year

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

Signature of Owner Carl J Moody

Date 5/28/69

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

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

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

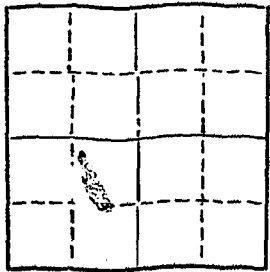
45,294

RECEIVED
JUN 1 1959
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T.....R.....
County Deer Lodge

WATER WELL LOG



Owner James J. Muir Address.....
Driller C. F. Groble Address P.O. Box 170 Anaconda Mont.
Date Started Feb. 22 1958 Date Completed Feb. 27 1958
Location: Sec..... T..... R..... ¼ sec.....

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

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

Casing: Surface ft. to 34' ft. Type Common black Size 4"

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:..... 27' feet.

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

Pumping water level..... 23' feet at..... 12 gal. per min.

How tested:..... ailer. tested

Length of test..... one hour

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

(over)

File No.

SEP 26 1966

T. R.

DUPLICATE

County Deer Lodge

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

5 ft. Open hole

Willard
Owner Luke Newman Address Anacorda, Mont.

Driller C.F. Woble Address Millcreek, Sta. 1
Anacorda, Mont.

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

Date well started June 9, 1966 Date completed June 20, 1966

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

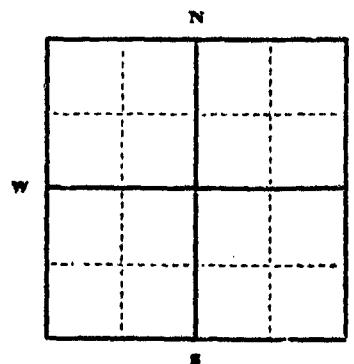
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

24 ft. Sand, Gravel
Large boulders

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	8" 24 lbs. per ft.					
84 ft. Sand, Gravel Clay mix						

87 ft. Sand, Gravel
Water bearing
Total depth
Gravel pack



Static Water Level for non-flowing well 18 feet.

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

Pumping Water Level..... 25 feet
at..... 20 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested... Roller

Length of Test... 1 hr. 45 minutes

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

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

C. F. Woble - C.M.
Driller's Signature.

81319

FILED FOR RECORD

December 31 1963
at 10 minutes past 9:00 o'clock
P.M.

SHIRLEY QUINN

Carol Ann Leiby
County Recorder

File No.

T. R.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964
STATE ENGINEER

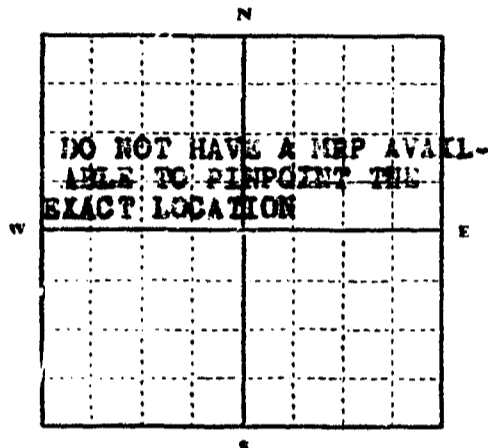
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Frances Freskar, of P. O. Box 573, Anaconda,
(Name of Appropriator) (Address) (Town)

County of Deer Lodge State of Montana

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



..... 1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1917. No stoppage whatever

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 50 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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. June 30, 1917. New well November, 1953

8. The depth of water table. 114 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. 4 inch casing, driven well, 114 feet by C. F. Wroble, Mill Creek, Via Anaconda, Montana

10. The estimated amount of groundwater withdrawn each year. 525,000 gallons per year

11. The log of formations encountered in the drilling of each well if available. Driven by C. F. Wroble

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 Frances Freskar

Date 12.27.1963

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

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

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

18901

File No. _____

T. _____ R. _____

DUPLICATE

County DEER _____

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)

Owner JOHN F. RUSSELL Address 305 W. PARK, D.M.R.Driller JOHN F. RUSSELL Address 305 W. PARKDate of Notice of Appropriation of Groundwater 1/2/64Date well started JUNE 9, 1961 Date Completed JULY 12, 1962Type of well BORED Equipment Used CHURN
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

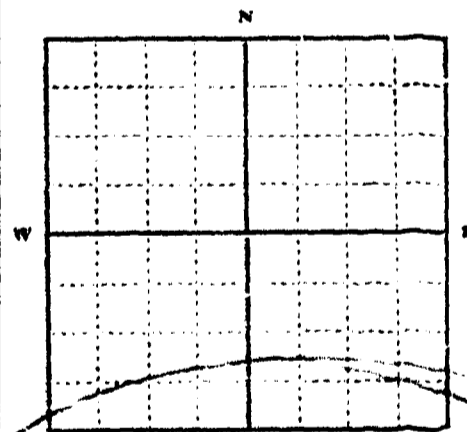
Top of Ground
(Elev. above sea level 5,200)

GRAVEL FROM
TOP OF GROUND
TO 30 FEET

WATER ENCOUNTERED
AT 12 FEET

WATER RISES TO
8 FEET FROM TOP OF
CASING

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Start (Feet)	From (Feet)	To (Feet)
2 INCH	2 INCH	30'	30'	SAND POINT DRIVEN PIPE		



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

LOCATION
Show exact depth of bottom.

Static Water Level for non-flowing Well 8.81 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 16 feet at 120 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested PUMP&D Length of Test 6 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) _____

Driller's License Number _____

John F. Russell
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.

28714

81387

FILED FOR RECORD

~~DEC 31 1913~~ 19
at 22 minutes past 10 o'clock
A. M. ANNA QUIGLEY

Mary Johnson
County Recorder
Oregon

RECEIVED
MAR 14 1950

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. _____ R. _____

County _____
Lodge _____

WATER WELL LOG

Owner: Donald Stevenson Address _____

Driller: C. E. Gracie Address Box 170
Butte, Mont.

Date Started: April 19, 1950 Date Completed: April 23, 1950

Location: Sec. Block 12 T. 20 S. 6 E. R. _____ 1/4 sec. _____

Type of well: drilled (Dug, driven, bored, or drilled) Equipment used: churn drill (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 perforation: _____

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: 1-1/2 hr. tested

Length of test: 1 hour

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

(over)

File No.

MONTANA WATER RESOURCES BOARD

T. R.

TRIPLICATE

RECEIVED

County Deer Lodge

LOG

AUG 1 1967

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Clarence Stugelmeier Address West Valley

Driller C. F. Wroble Address Rte. 1, Millersack

Anaconda, Montana

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

Date well started July 19, 1967 Date completed July 25, 1967

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

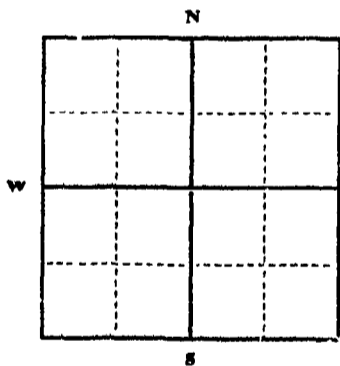


35' Sand, Gravel
Large boulders
(Glacial overburden)

53' Intermittent layers
Sand, Gravel, Clay mix

54' Sand, Gravel
Water bearing

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	28 lbs. per ft.			4x2	16	17
				1 1/2 gals. per min.		



Static Water Level for non-flowing well 10 feet.

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

Pumping Water Level..... 40 feet
at..... 12 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... Baled

Length of Test..... 1 1/2 hrs.

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

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

62

Driller's License Number

C. F. Wroble
Driller's Signature.

42,181

88 939

RECEIVED

FILED FOR RECORD

July 31 1967
at 28 minutes past 3 o'clock
P.M. HELEN L. LOVELL

County Recorder

By Julie M. Phillip
Deputy

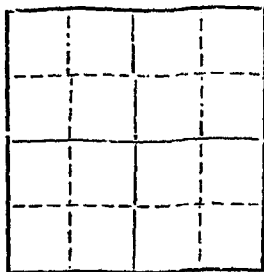
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RECEIVED
OCT 18 1959

T. _____ R. _____
County Deer Lodge

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner Cecil K. Subbrant Address Orlando, Mont
705 Alder St.
Driller Glenn Camp Address Missoula, Mont
Date Started Sept. 4, 1959 Date Completed Sept. 4, 1959

Location: Sec. _____ T. _____ R. _____ 1/4 sec. _____

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

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

Casing: 1' above ft. to 24' 7" ft. Type 6" standard 6" 19lb. per foot

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 gal. per feet.

Shut-in pressure, for flowing well: 6 gal. per minute sq. in. on _____ (date)

Pumping water level: 15' from top feet at 40 gal. per min.

How tested: Bailey

Length of test: 1 hour

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

(over)

99740

FILED FOR RECORD

at June 29 1973
at 11 minutes past 11 o'clock
A. M.

HELEN L. LOVELL
County Recorder

By Madge M. Crutty
Deputy

200

99741

FILED FOR RECORD

June 29 1973
at 12 minutes past 11 o'clock

A M **HELEN L. LOVELL**

County Recorder

By Wm J. Mc Carthy
Deputy

200

