

34

File No. 406

T. 17N R. 48E

DUPLICATE

County 74th
RECEIVED
JAN 16 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

STATE

Date of Appropriation of Groundwater 1919

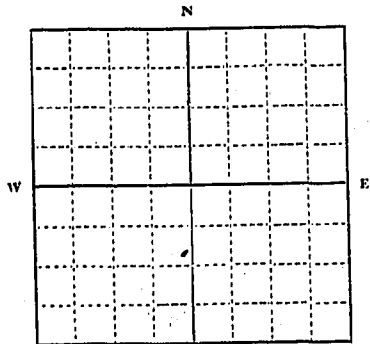
Owner George Hilda Helde Address Circle, Montana

Contractor (if any) None

Address of Contractor

Date Started 1919 Date Completed 1919

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring development - cleaned out and rebedded by original header - Re-cleaned and rebedded in 1959. Size is approx 8' x 10' x 4' deep



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 can be used year around. will water up to 75 head cattle. approximate flow - 7 gallons per minute

SW 1/4
NE 1/4 Sec. 34 T. 17N R. 48E
Indicate point of appropriation and place of use, if possible.

Signature of Owner George Hilda Helde

Date 12-30-63

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.

127165

Doc. No.

Water Well Log # 406

George & Ilanae Heide

TO

The Public

State of Montana }
County of McCone } ss

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of December, 1963 A. D.

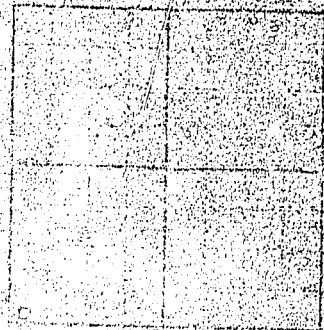
at 1:08 P. M.

Handwritten signature
County Clerk

Fee \$2.00

RECEIVED
JAN 1 1964

STATE ENGINEER



Vertical handwritten notes and stamps on the right side of the page.

File No. 505

T. 17N R. 4E

34

DUPLICATE

County McCONE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964

STATE ENGINEER
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1958

Owner Arthur Morast Address Zerry

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

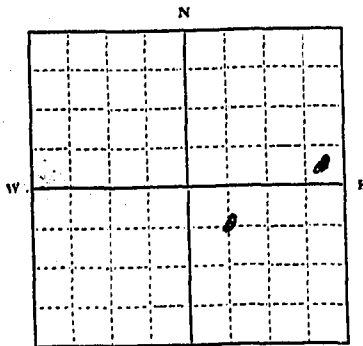
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Spring - 30 feet across -

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 6 months

out of the year.



SF 48 1/4, N 29 E
1/4 Sec 34 T. 17 R. 4 E
Indicate point of appropriation and place of use, if possible.

Signature of Owner Arthur Morast

Date Dec 31, 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.

DOC. NO. 127264

WATER WELL LOG FILE NO. 505

ARTHUR MORAST

TO

THE PUBLIC

STATE OF MONTANA)
COUNTY OF McCONE) SS

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of Dec., 1963 A.D.

at 8:48 o'clock, a.m.

Henry D. Pipe
COUNTY CLERK

FEE: \$2.00

1161
ENGINEER



Vertical text on the right edge of the page, likely a page number or reference code, including the number '8'.

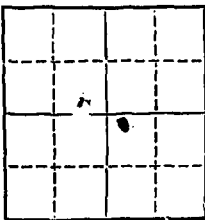
RECEIVED
AUG 26 1959

T. 17 R. 48 35
County Mc Cone

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner FRANK-KONDELIK Address Circle MONT.

Driller DANIEL E. HAGGERTY Address LINDSEY MONT.

Date Started _____ Date Completed _____

Location: Sec. 35 T. 17 R. 48 1/4 sec. NE NW 4 SE 4

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

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

Casing: 0 ft. to 50 ft. Type STANDARD Size 4"

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

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

Perforated or screened: Ft. 39 to ft. 50 Ft. _____ to ft. _____

Type of screen or perforations SLOTS

Static Water level, for non-flowing well: 40 feet.

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

Pumping water level 45 feet at 5 gal. per min.

How tested: Bailed & PUMPED

Length of test 4 hrs

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

GRAVEL PACKED OUTSIDE 15 ft.

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	15	YELLOW CLAY & GRAVEL
15	30	" " " "
30	35	COAL
35	44	BLUE CLAY
44	50	BLUE SAND H ² O

WATER WELL LOG NO. 30.

Name of Mineowner
 County of McCook
 Office of Clerk and Recorder,
 Filed this 25th day of
August, A. D. 1959
 at 10:00 o'clock A. M.

[Signature]
 Clerk and Recorder

No. Fee.

File No. 405

T. 17 N. 49 E. 6

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

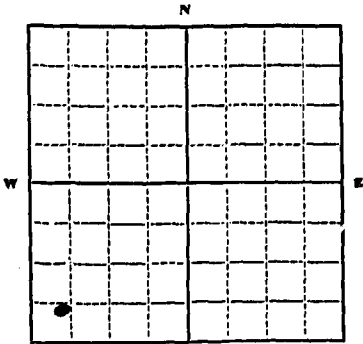
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Hudwig Ranch Inc of Circle
(Name of Appropriator) (Address) (Town)
County of McCone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 6 T. 17. R. 49

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. Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1954

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 8 gpm

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. Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1950

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. 2 bored in 40 ft

10. The estimated amount of groundwater withdrawn each year. 8640

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. None

Signature of Owner. Hudwig Ranch Inc
by [Signature]
Date. 12/29/63

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

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

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

LOG. NO.

127164

WATER WELL LOG FILE NO. 405

HUBING RANCH, INC.

TO

THE PUBLIC

STATE OF MONTANA)
)SS
COUNTY OF MOCCOE)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of Dec., 1963 A.D.

at 1:07 o'clock p.m.

Dwight E. Sigal
COUNTY CLERK

FEE: \$2.00

GW

Approved Stock Form—State Publishing Co., Helena, Montana—3495

File No. 407

T 17N R 49

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964

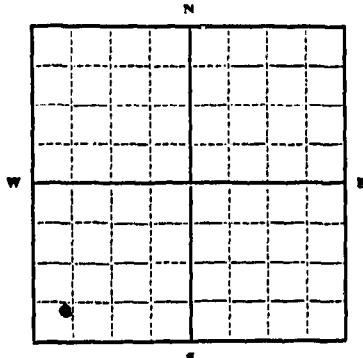
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Hubing Ranch Inc. of Circle
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 6 T. 17 R. 49

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.....
Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....3 gpm

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.....
Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....1920

8. The depth of water table.....30 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.....18 in bored 40 ft

10. The estimated amount of groundwater withdrawn each year.....8640

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....Not recorded

Signature of Owner Hubing Ranch Inc
Date 12/20/63

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

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

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

DOC. NO. 127161

WATER WELL LOG FILE NO. 402

HUBING RANCH, INC.

TO

THE PUBLIC

STATE OF MONTANA)
)SS
COUNTY OF McCONE)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of Dec., 1963 A.D.

at 1:04 o'clock p.m.

Henry E. Pappalardo
COUNTY CLERK

FEE: \$2.00

W.B.M.

127161

OT

10

File No.

T. 17 R. 49

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED
1968

County. McCone

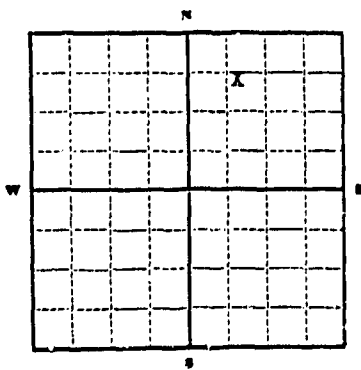
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Milo O. Hilstad, of _____, Circle _____
(Name of Appropriator) (Address) (Town)

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



NW 1/4 NE Sec. 10, T. 17, R. 49.

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.....
Livestock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been..... 1938 Continuous

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.....
None

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

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

8. The depth of water table..... 35 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..... Bored 2 Ft. diameter - 60ft. depth

10. The estimated amount of groundwater withdrawn each year..... 800,000 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.....
Not aware of any

Signature of Owner Milo O. Hilstad
Date April 9, 1968

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.

44,044

133834

Water Well Log #661.

State of Montana } ss.
County of McCone }

Office of Clerk and Recorder.

Filed this 9th day of

April A. D. 1968

at 8:45 o'clock A. M.

Gloria L. Brennan
Clerk and Recorder

By *Alice G. Hallen*
Deputy

Fee \$2.00

Recorded

32

1968

APR 11 1968

STATE OF MONTANA

Water Well Log #661

File No. STATE WATER CONSERVATION BOARD

T. 17 R. 49 S. 10

DUPLICATE

MAR 6 1967

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level 3330)

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961) R-1 Box 18

Owner Edward Olson Address Galati, California

Driller Harold Garrison Address Liberty Montana

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

Date well started Nov 7-1966 Date Completed Nov 8-1966

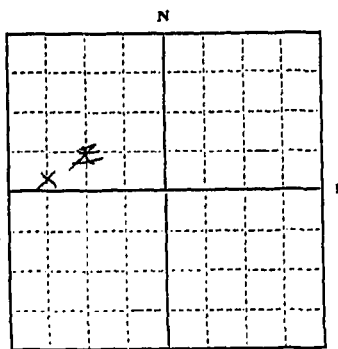
Type of well drilled Equipment Used churn
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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.

clay 9' sand 11' 13330 28' sand 46'

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	4" I.D. 11 lbs per ft.	0	40	3/8" x 4"	29	40



N. 1/4 Sec. 10 T. 17 R. 49
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 20 feet.

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

Pumping Water Level 22 feet at 9 gal. per minute.

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

How Tested slush bucket Length of Test one hour

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

85
Driller's License Number
Harold Garrison
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.

H1779

132396

Water Well Log #645...

State of Montana } ss.
County of McCone

Office of Clerk and Recorder.

Filed this 24th day of
6 February A. D. 1967

at 4:00 o'clock P. M.

Gloria L. Brennan
Clerk and Recorder

By *Alvie E. Haller*
Deputy

Fee \$2.00

132396
 Water Well Log #645...
 State of Montana } ss.
 County of McCone
 Office of Clerk and Recorder.
 Filed this 24th day of
 6 February A. D. 1967
 at 4:00 o'clock P. M.
Gloria L. Brennan
 Clerk and Recorder
 By *Alvie E. Haller*
 Deputy
 Fee \$2.00

This document is a true and correct copy of the original as filed in the office of the Clerk and Recorder of the County of McCone, Montana, on the 24th day of February, 1967.
 Alvie E. Haller
 Deputy Clerk and Recorder

RECEIVED

MAR 15 1972

County McPherson

Form 1 GW 2 Revised 1969
M-10/69

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CONTROL
MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

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 HARBING RANCH INC.

Address C.R. 16

MONT

Date well started 7-1-71

completed 7-7-71

Type of well DRILLED

Equipment used CHURN DRILL

Water Use: Domestic Municipal Stock Irrigation

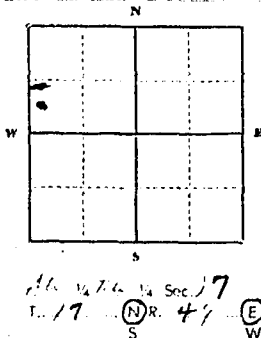
Industrial Drainage Other Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6 1/2"	4" ID plastic	7-1	118	7/16" 114	65-75	105-112



Static water level 40 ft.
Pumping water level 110 ft.
at 5 gallons per minute,
measured 5 minutes after pumping
began.

*Measured from ground level.
Well developed by DAILING
for 2 hours.

Power GASOLINE Pump 3 HP

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

PACKED SAND
PACKED

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

Driller's Signature Daniel J. Maggerty

Driller's Address Sumner near 58539

LICENSE NO. 15

Top of Ground		
From (Feet)	To (Feet)	
0	20	YELLOW CLAY
20	38	BLUE CLAY
38	46	YELLOW CLAY
46	104	BLUE CLAY
104	105	ROCKS
105	110	GRAY CLAY
110	114	SAND WATER BEING
114	118	BLUE CLAY

118 Show exact depth of bottom

50,039

139397

WATER WELL LOG FILE #708

State of Montana } ss.
County of McCone }

Office of Clerk and Recorder.

Filed this 10th day of
March, A. D. 1972

at 11:55 o'clock A. M.

Alvin H. Brennan
Clerk and Recorder

By *Mary L. Kuebler*
Deputy

Fee \$2.00

File No. 401

T 17N R 49

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964

Notice of Completion of Groundwater Appropriation **STATE ENGINEER**
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1939

Owner Hubing Ranch Address Circle

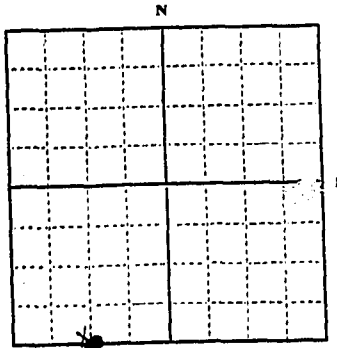
Contractor (if any) None

Address of Contractor No address

Date Started 1939 Date Completed 1939

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

Piped to tank



S.W. 1/4 SW Sec. 21, T. 17, R. 49

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. Produce

5 gal per minute measured

with 5 gal measured stop

water

Signature of Owner Hubing Ranch Inc

Date 12/30/63

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.

127160

DOC. NO.

WATER WELL LOG FILE NO. 401

HUBING RANCH, INC.

TO

THE PUBLIC

STATE OF MONTANA)
)SS
COUNTY OF McCONE)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of Dec., 1963 A.D.

at 1:03 o'clock p.m.

[Handwritten Signature]

COUNTY CLERK

FEES: \$2.00

RECORDED
INDEXED
DEC 31 1963
MONTANA
COUNTY OF McCONE

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38496

File No. 403

T. 17 N R. 48

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

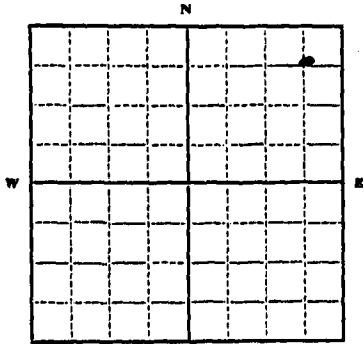
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Hubing Ranch, Inc, of Circle
(Name of Appropriator) (Address) (Town)
County of McCone 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. 22 T. 17 N R. 49

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. Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1951
Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 57.01

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. Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1951

8. The depth of water table. 137

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. bored 147

10. The estimated amount of groundwater withdrawn each year. 1200

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. No record

Hubing Ranch, Inc
Signature of Owner [Signature]
Date 12/20/63

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

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

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

DOC. NO.

127162

WATER WELL LOG FILE NO. 403

HUBING RANCH, INC.

TO

THE PUBLIC

STATE OF MONTANA)
)SS
COUNTY OF McCONE)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of Dec., 1963 A.D.

at 1:05 o'clock p.m.

[Handwritten Signature]
COUNTY CLERK

FEE: \$2.00

ON

Approved Stock Form—State Publishing Co., Helena, Montana—1964

File No. 404

T. 17 R. 49

DUPLICATE

County Mt. Park

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

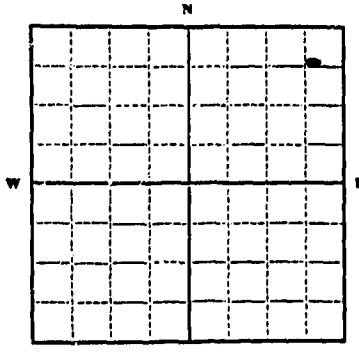
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Hubing Ranch Inc of Circle Mont
(Name of Appropriator) (Address) (Town)

County of Mt. Park 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. 22 T. 17 R. 49

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 no use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1914 - continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gpm

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 Pump Jacks

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1964

8. The depth of water table 130 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 6 in - 150 ft

10. The estimated amount of groundwater withdrawn each year 1200 gpm

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 No record

Signature of Owner [Signature]
Date 12/30/63

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

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

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

36375

127163

DOC. NO.

WATER WELL LOG FILE NO. 406

HUBBARD RANCH, INC.

TO

THE PUBLIC

STATE OF MONTANA)
) IS
COUNTY OF McCONE)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of Dec., 1963 A.D.

at 1:06 o'clock p.m.

J. Murray E. Sigal
COUNTY CLERK

FEES: \$2.00

File No. 604

DUPLICATE

T27-N R #9E
County MS Cone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JUL 1 1964

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level _____)

0-16 loam clay/rock-shale
 16-43 sticy clay
 43-46 hard coal
 46-73 clay
 73-77 soft coal w/ clay
 77-152 clay shale
 152-183 fine grey sandstone
 183-196 clay
 196-197 hard rock
 197-205 clay
 205-209 hard rock
 209-220 clay
 220-232 fine grey sandstone
 232-237 limestone
 237-252 fine sandy clay
 252-266 clay & coal

Owner Harry C. Wachman Address Circle Mt.

Driller Adrian with well Dring Blanchard

Date of Notice of Appropriation of Groundwater _____

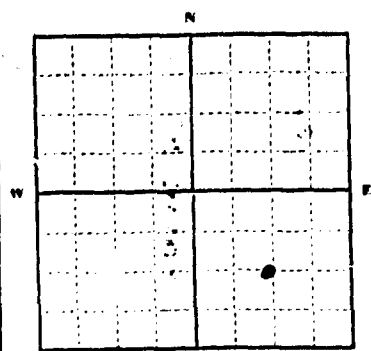
Date well started 6-17-64 Date Completed 6-20-64

Type of well Drilled Equipment Used Rotary
(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 (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
6 1/4"	4 1/2 X 9 1/2"	0	260	2 inch slit	195	205
					220	232
					240	260



S.W. 1/4 SE. 22 T27N R49E
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 200 feet.

Shut-in Pressure for Flowing Well NONE

Pumping Water Level 285 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailed Length of Test 3-Hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) NONE

2 1/2 gal. @ 210'

Bailed @ 160 yds water

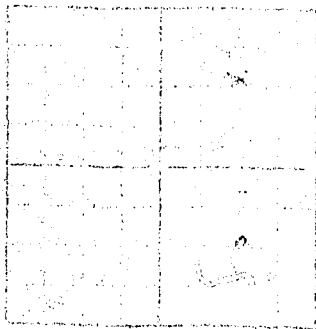
61
Driller's License Number

Adrian
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 duplicate for the Appropriator.



128061

Water Well Log # 604.

State of Montana
County of McCone

Office of Clerk and Recorder

Filed this 24th day of

June A. D. 1964

at 11:30 o'clock A. M.

Deputy
Clerk and Recorder

By Deputy

Fee \$2.00

Vertical text on the left side of the page, including a date stamp: JUN 24 1964. Other illegible markings and numbers are present.

Vertical text in the middle-left section, including the number 604 and other illegible characters.

Vertical text on the right side of the page, including the number 128061 and other illegible markings.

File No. 601

T. 17 R. 49

DUPLICATE

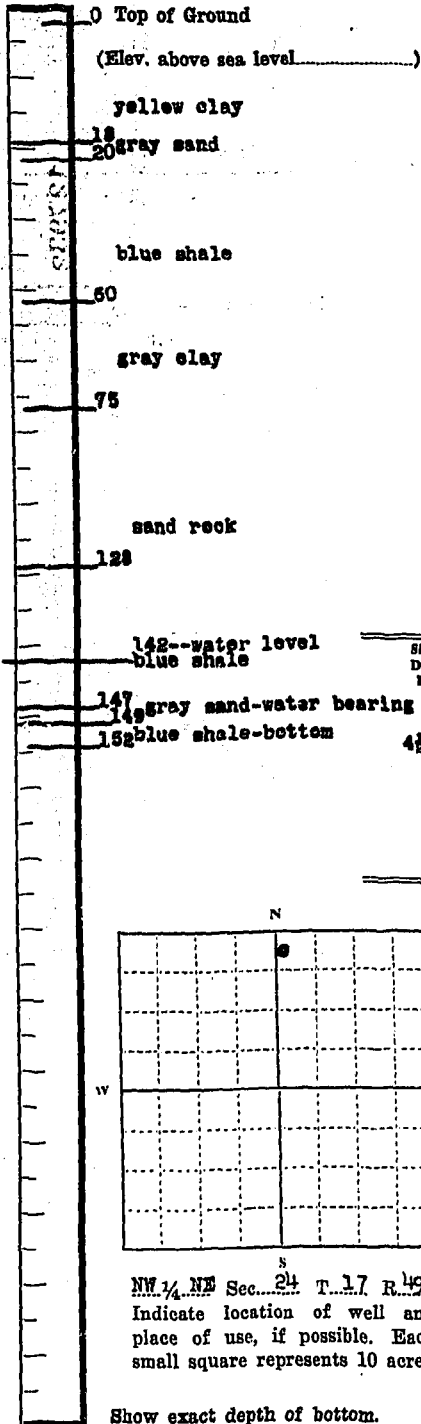
County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER MAY 19 1964

RECEIVED

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



Owner Habing Ranch, Inc. Address Circle, Montana

Driller Daniel G. Haggerty Address Lindsay, Montana

Date of Notice of Appropriation of Groundwater _____

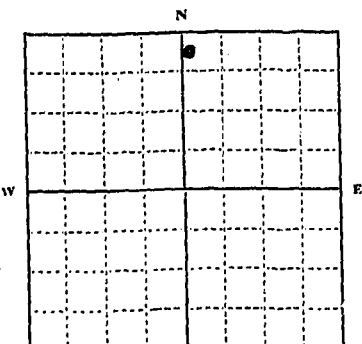
Date well started 4/3/64 Date Completed 4/8/64

Type of well drilled Equipment Used cable tool 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)
4 1/2"	4" 11#	0	152	1/8" slots	131	152



NW 1/4 NE Sec. 24 T. 17 R. 49
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 142 feet.

Shut-in Pressure for Flowing Well not applicable

Pumping Water Level 145 feet at 4 gal. per minute.

Discharge in gal. per min. of flowing well not applicable

How Tested bailed & pumped Length of Test 8 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)

outside gravel packed

13
Driller's License Number

Daniel G. Haggerty
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.

38100

DOC. NO. 127932

WATER WELL LOG FILE NO. 601

HUBING RANCH, INC.

TO

THE PUBLIC

STATE OF MONTANA)

COUNTY OF McCONE)

OFFICE OF COUNTY CLERK & RECORDER

This instrument was filed for
record on the 15th day of May,
1964, at 12:35 o'clock p.m.


COUNTY CLERK

FEE \$ 2.00

File No.

T. 17N R 49E

DUPLICATE

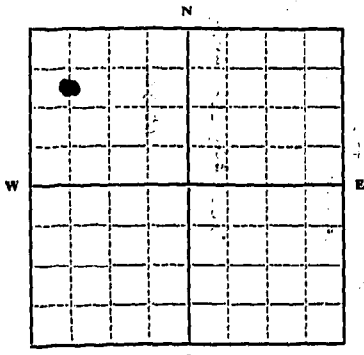
County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 5 - 1963

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

1. Harry or Marcella Wachmann of 8423 River Shore and River Shore
(Name of Appropriator) (Address) (Town)
County of Cook State of Illinois
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NW Sec 26 T. 17 R. 49

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. Residential & stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. approx 1943
Continuous service stock

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 1/2 Gal

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
NF

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. CYLINDER pipe & PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. See # 3 exact Date unknown

8. The depth of water table. approx 260 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled 4" std pipe to 275'
2 1/2" cylinder

10. The estimated amount of groundwater withdrawn each year. 600,000 Gal

11. The log of formations encountered in the drilling of each well if available. Not available
Due to inheriting place, all information is 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.

Signature of Owner Harry C Wachmann
Marcella Wachmann
Date June 29 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.

126197

Water Well Log #225.

State of Montana }
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 1st Day of

July A. D. 1963.

at 12:15 o'clock A. M.

[Handwritten Signature]

Clerk and Recorder

By _____ Deputy

Fee \$2.00

RECORDED
INDEXED
JUL 15 1963

CLERK AND RECORDER

GW2

File No.

T. 17 N E 49 R 49

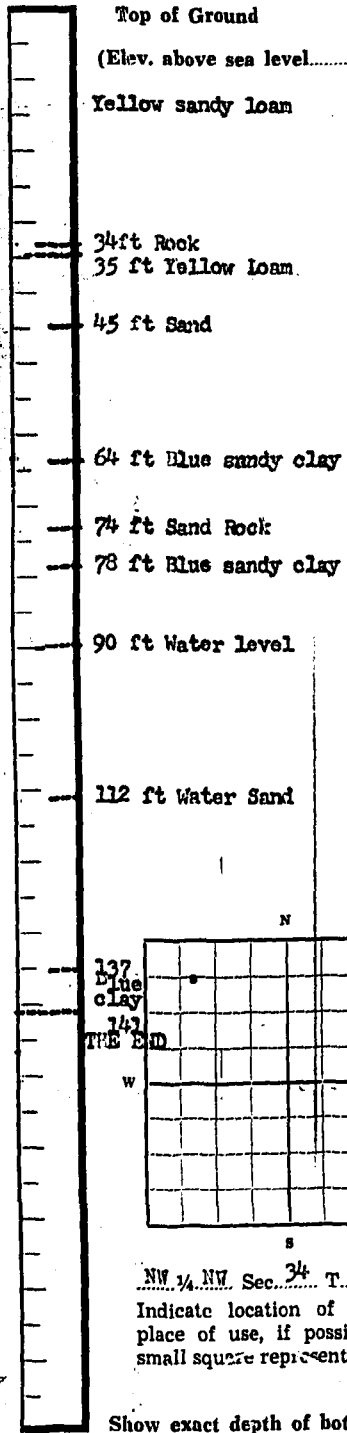
DUPLICATE

County. McGone

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER
 OFFICE OF STATE ENGINEERS

RECEIVED
 DEC 23 1963

Notice of Completion of Groundwater Appropriation by Means of Well ENGINEER
 (Under Chapter 237, Montana Session Laws, 1961)



Owner. Hoy Youngquist Address. Terry, Montana

Driller. Albert Brest Address. Brookway, Montana

Date of Notice of Appropriation of Groundwater

Date well started Nov. 12, 1963 Date Completed Nov. 18, 1963

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

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size Slots	From (Feet)	To (Feet)
3"	4" 11 lbs per ft	137 top	143	3/16	110	138

Static Water Level for non-flowing Well. 90 feet.

Shut-in Pressure for Flowing Well N/A

Pumping Water Level. 110 feet at 12 gal. per minute.

Discharge in gal. per min. of flowing well N/A

How Tested Baler Length of Test 1/2 hour

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

Gravel packed water vein

No. 45
Driller's License Number

Albert Brest
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.

127018

Water Well Log # 293

State of Montana }
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 20th day of
December A.D. 1963

at 8:35 o'clock A.M.

Henry L. Spaul
Clerk and Recorder

By _____ Deputy

Fee \$2.00

GW3

File No.

DUPLICATE

T. 17 N E 34 R 47

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater about 1915

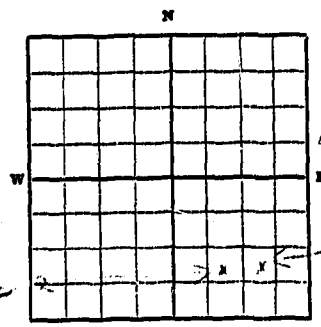
Owner Troy J. ... Address Troy ...

Contractor (if any)

Address of Contractor

Date Started about 1915 Date Completed 1915

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



1715 ...
... ..
... ..
... ..

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

Sec. 24 T. 17 R. 47
Indicate point of appropriation and place of use, if possible.

... ..
... ..
... ..
... ..

Signature of Owner Troy J. ...

Date 12-19-1963

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 School of Mines and Quadruplicate for the Appropriator.

gws

File No. _____

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater About 1915

Owner Prof. Springman Address Helena, MT

Contractor (if any) _____

Address of Contractor _____

Date Started About 1915 Date Completed 1963

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

spring piped into tank
also one undeveloped spring
flow into tank

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

spring water piped into tank

measured 2.5 gallons per

minute flow

continuous use for stock water

Signature of Owner Prof. Springman

Date 12-19-63

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

flow into tank
one spring #2

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 School of Mines and Quadruplicate for the Appropriator.

127017

Water Well Log # 292

State of Montana

County of McCone

Clerk and Recorder

This 28th day of

December A.D. 1963

at 8:30 o'clock A.M.

Henry E. Sigel
Clerk and Recorder

By _____ Deputy

Fee \$2.50

GROUNDWATER INDEX

County McCone Twp. 16N Rge. 46E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
2	Malcom, Russell W.	GW 4	127097	
4	Koster, Frank	3GW 2	141216	
6	Sakut Boase	well log	—	
8	Maas, Herbert	GW 2	129052	
8	" , Herbert	" 2	133208	
9	" "	" 2	133253	
12	Hughes, Edwin B.	GW 4	127266	
14	Rath, Lawrence C.	— 4	127111	
15	Schlenker, Dan	GW 2	152741	
16	Garble, Howard S.	GW 4	127191	
18	" " "	— 4	127190	
20	Welch, Robert	well log	119761	
22	Rath, Lawrence C.	GW 4	127188	
23	" "	GW 2	128273	
26	Thoeny, Henry A.	GW 4	127118	
28	Rath, Cecil	— 4	127326	
29	" "	— 4	127327	
30	Brast, Lee	— 4	127196	
31	" "	— 4	127196	
31	" "	GW 2	136178	
32	Rath Cecil	GW 4	127328	
32	Rath, Lawrence C.	— 4	127109	
33	Rath, Cecil	GW 2	128173	
34	" , Lawrence C.	GW 4	127110	
35	NOR. Pac. Ry. Co.	GW 2	133686	
35	" " " "	GW 4	126739	

File No. 201

DUPLICATE

T 16 N R 46
County McCone

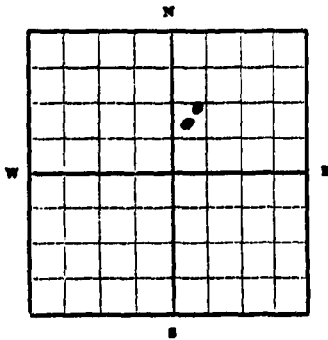
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964

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

STATE ENGINEER

Russell W. Malcolm of Brockway
(Name of Appropriator) (Address) (Town)
County of McCone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW NE 1/4 Sec. 2, T. 16 R. 46

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

- The beneficial use on which the claim is based household and stock water use
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1940 and there ce has been continuous since that time.
- The amount of groundwater claimed (in gpm or gallons per minute) approximately 1 gal per minute with a charge of 1 gal per
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof I am a proprietor of a hog farm consisting of approximately 100 acres of land in Brockway, Mont.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal one well located on the farm consisting of a 4 inch diameter casing with a 2 inch pump driven with electricity
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater started pumping wells that are now being drilled in 1954
- The depth of water table same water table found at 60 ft and the bottom was at 120 ft
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater casing of 4 inch diameter well with 2 inch casing
- The estimated amount of groundwater withdrawn each year 400,000 gal
- The log of formations encountered in the drilling of each well if available log was not recorded
- 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 other than in record

Signature of Owner Russell W. Malcolm

Date Dec 17, 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.

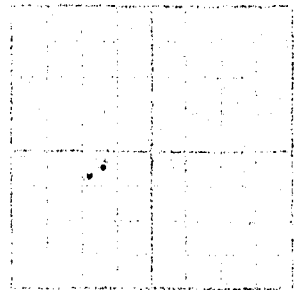
DOC. NO. 127097

WATER WELL LOG FILE NO. 346

RUSSELL MALCOM

TO

THE PUBLIC



STATE OF MONTANA)
)SS.
COUNTY OF MCGONEGAL)

I OF COUNTY CLERK & RECORDER,

filed this 27th day of Dec. 1963, AD.

at 10:45 o'clock a.m.

Annex E. T. Neal
COUNTY CLERK

FEE \$ 2.00

RECORDED
JAN 18 1964

STATE ENGINEER

WATER WELL LOG FILE NO. 346
RUSSELL MALCOM
TO THE PUBLIC
STATE OF MONTANA)
)SS.
COUNTY OF MCGONEGAL)
I OF COUNTY CLERK & RECORDER,
filed this 27th day of Dec. 1963, AD.
at 10:45 o'clock a.m.
Annex E. T. Neal
COUNTY CLERK
FEE \$ 2.00
RECORDED
JAN 18 1964
STATE ENGINEER

County McCone

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

RECEIVED

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.

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	12	Yellow Clay
12	25	Soil
25	47	Blue Clay
47	55	Blue Sand #20

Owner Frank Basten
Address Brookway Circle Montana
Date well started 7-26-72
completed 7-28-72

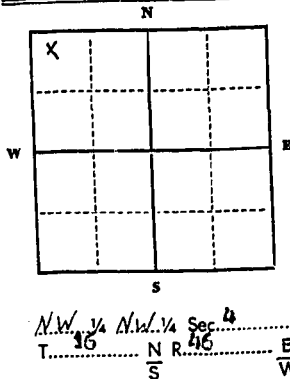
For Administrator's Use
File H.H.216; 728
Rec'd 4, 1973
GW 1 11:00 A.M.

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

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	31"	4'	30	Sawed Slots	47	55
	9" Steel	0	55			
	4" Plastic					



Static water level 35 ft.*
Pumping water level 45 ft.*
at ? gallons per minute,
measured 15 minutes after pumping began.
*Measured from ground level.
Well developed by Drilling
for 2 hours.
Power _____ Pump _____ HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature Mike Haggerty
Driller's Address Lindsay Montana

LICENSE NO. 13

55 Show exact depth of bottom

Doc. No. 141216

Water Well Log File No. 728

State of Montana }
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 4th day of

April, A. D. 1973

at 11:00 o'clock A. M.

Gloria L. Brennan
Clerk and Recorder

By Mary L. Kuckler
Deputy

Fee \$2.00

T. 16 R. 42
County.....

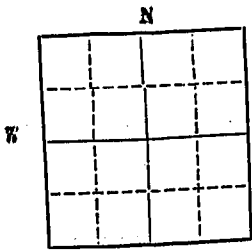
6

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAR 20 1961

WATER WELL LOG

STATE ENGINEER



Owner: Gakut Bros., Address: Fetting, Mont.

Driller: Johnson Water Well Service Address: Terry Montana

Date Started: 10-4-58 Date Completed: 10-7-58

Location: Sec. 6 T. 16 R. 42 1/4 sec. NE NE

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other:

Casing: 0 ft. to 122 ft. Type: Size:

Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. 43 to ft. 49 Ft. 131 to ft. 143

Type of screen or perforations: Holes 175 192

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

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

Pumping water level: 137 feet at 10 gal. per min.

How tested: Bailer

Length of test: one hour

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

(over)



File No.

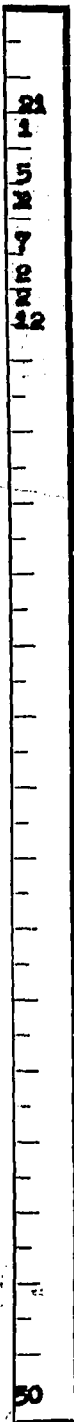
T. 16 N R. 4 E 8

DUPLICATE

County Granite
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
FEB 4 1965

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



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

Yellow Shale
Rock

Yellow Shale

Sandy Clay Some Water
Coal Water
Water Sand 12 Gallon Per Min
Soft Clay

Owner Herbert Moos Address Brookway Montana

Driller Ira C Bond Address Terry Montana

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

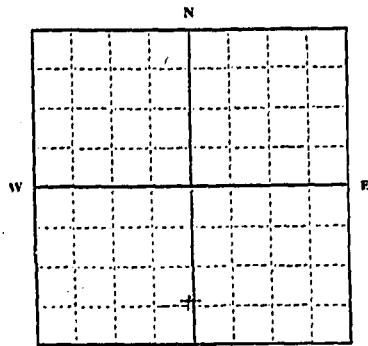
Date well started 1965 Date Completed Jan 20 1965

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 5/8	4 1/2 Id	Surface	50 ft	5/16 TOUCH	30-40	



SE 1/4 SW 1/4 Sec. 8 T. 16 R. 4 E

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 25 feet.

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

Pumping Water Level 30 feet at 5 gal gal. per minute.

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

How Tested Bailer Length of Test 1 hr

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

Driller's License Number 37

Ira C. Bond
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.

129032

Water Well Log #617

Checked and Recorded

1st day of
February A. D. 1955

at 8:30 A. M.

Gloria Brennan
Clerk and Recorder

By *Alice Walker*
Deputy

Fee \$2.00

File No. _____

MONTANA WATER RESOURCES BOARD

T. 16 R. 46

TRIPLICATE

RECEIVED

County Deer Creek

LOG NOV 29 1967

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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

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

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

bored hole
quicksand
gunbo
yellow clay
gunbo
watersand
gunbo bottom hole

Owner Herbert Noon Address Brookway, Montana

Driller Ira C. Bond & Sons Address Terry, Montana

Date of Notice of appropriation of groundwater _____

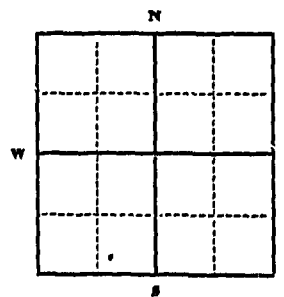
Date well started 2/2/67 Date completed 2/4/67

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 5/8	4 1/2 od	surface	64	3/16	40	60
7 3/4	7 od	surface	64	none		



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 bailed

Length of Test 2 hrs.

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

Sec. 1/4 T. 16 R. 46
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).

64 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.

37
Driller's License Number

Robert Bond
Driller's Signature.

42,575

133208

Water Well Log #652.

State of Montana }
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 27th day of

November A. D. 1967

at 4:25 o'clock P. M.

Gloria H. Brennan
Clerk and Recorder

By *Olive E. Zellan*
Deputy

Fee \$2.00

GW 2

MONTANA WATER RESOURCES BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—48357

RECEIVED

File No. _____

T. 16 R. 46

DEC 1 1967

TRIPLICATE

County Golden

LOG _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
'STATE WATER CONSERVATION BOARD

Top of Ground
(Elev. above sea level _____)

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

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

- 2 top soil
- 13 yellow clay
- 6 quicksand
- 18 yellow clay
- 10 gumbo
- 1 hard rock
- 11 gumbo
- 20 bentonite
- 20 gumbo
- 18 gumbo & sand
- 10 hard coal 12 gpm
- 11 gumbo

Owner Robert Hoss Address Brookway Montana

Driller Ira C. Bond & Sons Address Terry, Montana

Date of Notice of appropriation of groundwater _____

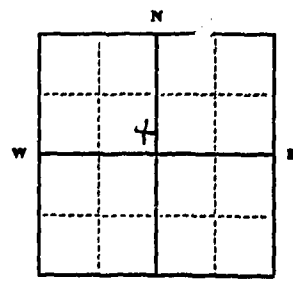
Date well started 11/19/67 Date completed 11/22/67

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 3/4	7 od	0	48	none		
5 5/8	4 1/2 od	48	139	3/16	118	128



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 108 feet
at 4 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) _____

used 7 od to seal off quicksand

used metal petrol basket to hold soft formation from sealing up water sand

(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).

139 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.

37
Driller's License Number
Ira C. Bond
Driller's Signature.

42.648

133253

Water Well Log #653.

State of Montana)
County of McCone) ss.

Office of Clerk and Recorder:

Filed this 11th day of

December A. D. 19 67

at 11:30 o'clock A. M.

Shirley Brennan
Clerk and Recorder

By *Oliver E. Hillman*
Deputy

Fee \$2.00

RECEIVED
COUNTY CLERK
MCCONE COUNTY
MONTANA
DEC 12 1967

File No. 507

T. 16^N R. 46 12

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

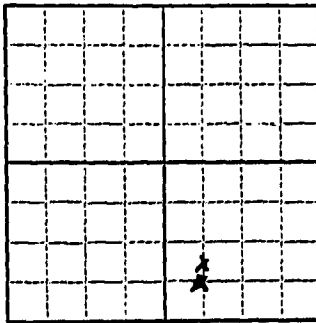
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Edwin B. Hughes of Brookway (Name of Appropriator) (Address) (Town)
County of McCone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 SE 1/4 Sec. 12 T. 16. R. 46

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 Several household & farm use

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

4. The amount of groundwater claimed (~~per~~ gallons per minute) 10 to 15 gal

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 some for garden use only

6. The means of withdrawing suel. water from the ground and the location of each well or other means of withdrawal. Electric pump on one of the wells and electric pump for each well

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. 130 ft second vein

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 in casing in one line in stock well

10. The estimated amount of groundwater withdrawn each year. Normal

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. None

Signature of Owner Edwin B. Hughes

Date 12-31-63

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

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

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

36478

DOC. NO. 127266

WATER WELL LOG FILE NO. 507

EDWIN B. HUGHES

TO

THE PUBLIC

STATE OF MONTANA)
)SS
COUNTY OF McCONE)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of Dec., 1963 C.D.

at 8:50 o'clock, a.m.

Samuel E. Dyer
COUNTY CLERK

SEE: \$2.00

STATE ENGINEERS
MONTANA
1963

GI.

Approved Stock Form—State Publishing Co., Helena, Montana—38496

File No. 360

T. 16^N R. 46^E

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

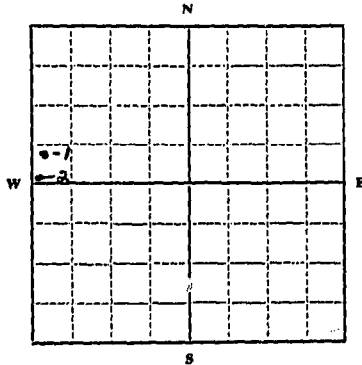
RECEIVED

Declaration of Vested Groundwater Rights JAN 16 1964

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Lawrence C. Rath, of Brackway
(Name of Appropriator) (Address) (Town)
County of McCone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.W. 1/4 Sec. 14, T. 16. R. 46.

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. No. 1 is stock well. No. 2 well is household use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. No. 1 and No. 2. June 16, 1943.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). No. Each well pumps more than 20 gals. 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. None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. No. 1 - well pump, jack and motor. 3" cylinder, 1/2" pipe. No. 2 - submersible pressure pump. 1/2" horse electric motor. Sec 14-16-46

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. June 12 - 1943

8. The depth of water table. No. 1 - 30 Ft. No. 2 - 60 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.

No. 1 drilled 4" casings - 85 Ft deep.
No. 2 drilled 4" casings. 70 Ft deep.

10. The estimated amount of groundwater withdrawn each year. unknown

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

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

None

Signature of Owner Lawrence C. Rath

Date 12-26-63

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

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

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

36331

DOC. NO. 127111

WATER WELL LOG FILE NO. 360

LAWRENCE C. RATH

TO

THE PUBLIC

OFFICE OF COUNTY CLERK & RECORDER.

STATE OF MONTANA)
)SS.
COUNTY OF M_{CC}ONE)

Filed this 27th day of Dec. 1963, A.D.
at 11:55 o'clock a.m.

[Handwritten Signature]
COUNTY CLERK

FEE \$ 2.00

RECORDED
JAN 19 1964

STATE ENGINEER

File No.

STATE WATER CONSERVATION BOARD

T 16 R 46 15

DUPLICATE

JUL 7 1967

County McCone

Billed to: M. DeWitt STATE OF MONTANA
Butcher: A. H. ... ADMINISTRATOR OF GROUNDWATER CODE
C... .. Division OFFICE OF STATE ENGINEER
D... .. Sullivan
Dicker

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

- 0-12 - Blk. Shale & Coal
- 12-20 Lt. Brn. Sandy Shale
- 20-27 - yellow/gray Sandstone
- 27-32 - Blk. Shale & coal
- 32-45 yellow/sandy shale
- 45-50 Gray shale
- 50-70 yellow Gray sandy shale
- 70-80 Blu/gray clay
- 80-95 Sandy shale
- 95-105 Gray shale
- 105-125 Dk. Gray shale
- 125-140 Sandy shale
- 140-165 Gray Sandstone
- 165-168 - shale

Owner Dan Schlenker Address Terry, Mont.

Driller Joe Johnson, Dkt. Address Terry, Mont.

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

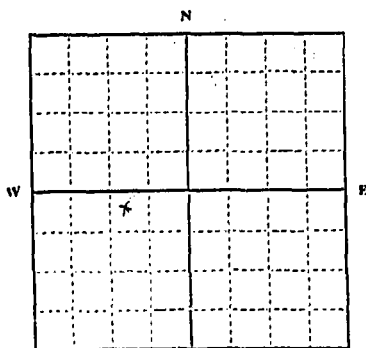
Date well started 6/21/66 Date Completed 6/24/66

Type of well Drilled Equipment Used Cable Tool
(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)
5 5/8"	4" I.D. 11# P/F	0'	168'	Slots & Holes	147	168



1/4 Sec. 15 T. 16 R. 46
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 140 feet.

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

Pumping Water Level 142 feet at 6 gal. per minute.

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

How Tested Bailer Length of Test 1 hr.

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

154
Driller's License Number

Joe Johnson
Driller's Signature

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

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

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

132741

Water Well Log #648.

State of Montana }
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 28th day of
June A. D. 19.67
at 3:30 o'clock P. M.

Gloria Brennan
Clerk and Recorder

By *Alie E. Wallace*
Deputy

Fee \$2.00

Vertical text on the left side of the page, possibly a stamp or recording information, including the number 132741 and other illegible characters.

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38496

File No. 432

T. 16 N R. 46 E

DUPLICATE

County. McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964

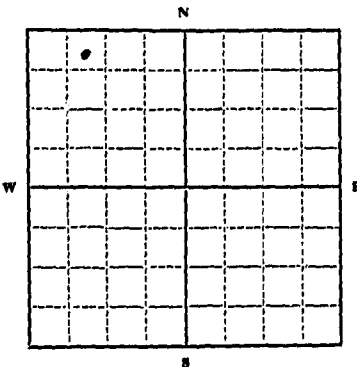
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

State of Montana by Howard S. Buckle, of Brookway
(Name of Appropriator) (Address) (Town)

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



NW 1/4 NW Sec. 16 T. 16 R. 46

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. Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1941 every spring and fall

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 3 gals

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. Shallow well pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1941

8. The depth of water table. 6 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. Dry well 13 ft depth 4 ft dia.

10. The estimated amount of groundwater withdrawn each year. 140,000 gals

11. The log of formations encountered in the drilling of each well if available. None
no other information available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. no record available

Signature of Owner Howard S. Buckle

Date. Dec. 30 1963

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

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

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

36403

LOG. NO. **127191**

WATER WELL LOG FILE NO. 432

STATE OF MONTANA, by
HOWARD S. OACKLE, LESSER

TO

THE PUBLIC

STATE OF MONTANA)
)SS
COUNTY OF MCGONEE)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of Dec., 1963, A.D.

at 1:34 o'clock p.m.

Howard S. Oackle
COUNTY CLERK

FEE: \$2.00

ENGINEER

GW

Approved Stock Form—State Publishing Co., Helena, Montana—34496

File No. 431

T. 16 N. R. 46

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

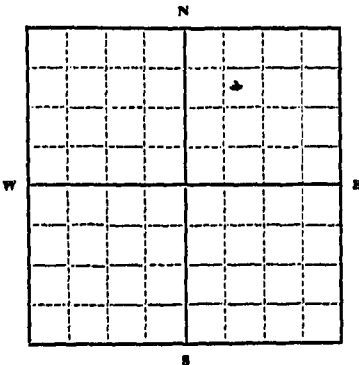
STATE ENGINEER

153231

Howard S. Grackle of Brookway
(Name of Appropriator) (Address) (Town)

County of McCone 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. 18, T. 16, R. 46

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 house and sweetstock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920 every day

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

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 well pump shallow

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1920

8. The depth of water table 13 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 aug well 3 ft. dia. 33 ft. depth

10. The estimated amount of groundwater withdrawn each year 180,000 gals

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record no record available

Signature of Owner Howard S. Grackle

Date Dec. 30, 1963

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

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

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

36402

~~127190~~
DOC. NO.

127190

WATER WELL LOG FILE NO. 431

HOWARD S. GACKLE

TO

THE PUBLIC

STATE OF MONTANA)
)SS
COUNTY OF McCONE)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of Dec., 1963 A.D.

at 1:33 o'clock p.m.

H. Lewis E. Piper
.....
COUNTY CLERK

FEE: \$2.00

RECEIVED

NOV 4 1959

T. 16 R. 46
County McCone

20

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Robert Wolff Address Brockway
 Driller Ira C. Bond Address Terry, Montana
 Date Started Oct 29, 1959 Date Completed Oct 30, 1959
 Location: Sec. 20 T. 16 R. 46 1/4 sec. SE 1/4 SE 1/4

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

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

Casing: surface ft. to 41 ft. Type steel Size 7" OD

Casing: 41 ft. to 63 ft. Type steel Size 4"

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

Perforated or Screened: Ft. 50 to ft. 62 Ft. _____ to ft. _____

Type of screen or perforations burned holes

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

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

Pumping water level: lowers 5' feet at 14 gal per min.

How tested: bailed

Length of test: two days

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
quick sand cased off with 1 rge casing

(over)

File No. 357

T. 16N R. 4E

DUPLICATE

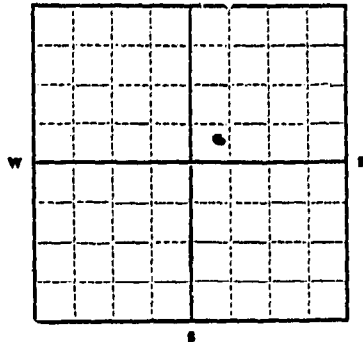
County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964

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

1. Lawrence C. Rath, of Brookway
(Name of Appropriator) (Address) (Town)
County of McCone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NE 1/4 Sec. 22 T. 16 N. R. 4 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. April 1946 - used for stock during summer months

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10 gals 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. None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Sec 22 16-46 wind mill and pump, 2 1/2 inch cylinder and 1 1/4 inch well pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. April 24 1946 to April 13 1946

8. The depth of water table. 200 Ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. drilled 4" casings. 215 Ft.

10. The estimated amount of groundwater withdrawn each year. unknown

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

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

Signature of Owner Lawrence C. Rath
Date 12-26-63

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

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

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