

GROUNDWATER INDEX

Page of

County McCone Twp. 17N Rge. 47E

[illegible]

File No. 532T. 17 R 47

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

JAN 16 1964

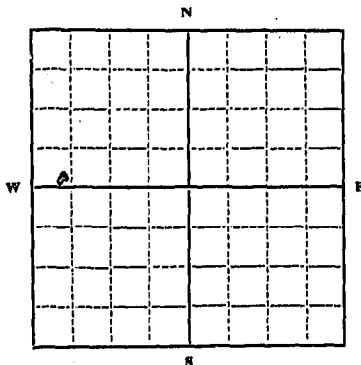
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Warner D. Johnson of Brockway, Mont
(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 NW Sec. 1 T17 R47

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
Drinking Water

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been. 1959 to Present
Time

4. The amount of groundwater claimed (in miner's inches or gallons
per minute). Never Pumped dry

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. Gasoline Motor Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. 1959

8. The depth of water table. 28 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater. 82 feet deep
4 inch casing

10. The estimated amount of groundwater withdrawn each year. Ample for 3 inch
1 1/4 inch pipe & rod & cylinder

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

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 known
no record

Signature of Owner

Date Dec 31 1963

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

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

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

36504

Doc. No.

127293

Water Well Log # 532

Warner D. Johnson

TO

The Public

State of Montana }
County of McCone } ss

OFFICE OF COUNTY CLERK & RECORDER

Filed this 2nd day of January, 1964, A. D.,

At 8:23 A. M.

Henry E. Dyal
County Clerk

Fee: \$2.00

STATE OF MONTANA
COUNTY OF MCCONE
JAN 11 1964

20 JAN 11 1964

File No. _____

T. 17 R. 47

DUPLICATE

MONTANA WATER RESOURCES BOARD

County McCone

RECEIVED

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

MAY 23 1969

Top of Ground

(Elev. above sea level _____)

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

(Under Chapter 237, Montana Session Laws, 1961)

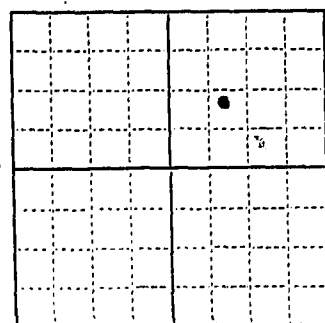
Gravel & WaterOwner Albert Moos Address BrockwayDriller Edward Brost Address Brockway

Date of Notice of Appropriation of Groundwater _____

Date well started May 2 Date Completed May 9Type of well Drilled Equipment Used 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 5/8 19.0 lb. per ft.	Top	67"	Slots	42	65



SW 1/4 NE Sec. 4 T. 17 R. 47

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 14' feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 42' feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Balcon Length of Test _____

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

acres irrigated, if used for irrigation) Casingwas driven inDriller's License Number 45Driller's Signature Edward Brost

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.

45,253

135291

WATER WELL LOG FILE #673

State of Montana } ss.
County of McCone }

Office of Clerk and Recorder.

Filed this 20th day of
May, A. D. 1969

at 3:50 o'clock P. M.

Gloria L. Brennan
Clerk and Recorder

By Mary L. Kuckler Deputy

Fee \$2.00

File No. 284

T 17 R 47

DUPLICATE

County Mo. Gene

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 19 1963

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

17 sandy top soil
12 quick sand gravel, sand, and
some water
17 gray shale
2 feet rock
6 gray shale
8 coal lots of water

Owner Albert Moos Address Brookway, MontanaDriller Ira C. Bond Address Terry, Montana

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

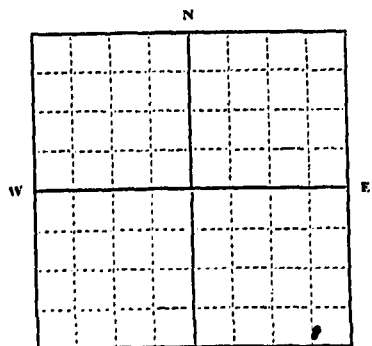
Date well started 11.1/63 Date Completed 11/2/63

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	7" OD	1	29			
	4"	18	62	5/16	54	62



SE 1/4 SE Sec. 4, T. 17 R. 47
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

62 feet deep

Static Water Level for non-flowing Well raised 36 feet.

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

Pumping Water Level 50 feet at 10 gal. per minute.

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

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

37

Driller's License Number

Driller's Signature

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

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

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

10402

126970

Water Well Log # 284

State of Montana } ss.
County of McCone }

Office of Clerk and Recorder

Filed this 13th day of

December A. D. 1963

at 3:15 o'clock P. M.

[Signature]
Clerk and Recorder

By _____ Deputy

Fee \$2.00

Form No. 18
8-60

T. 17 R. 17
County MCCONE

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 26 1961

WATER WELL LOG

STATE ENGINEER

Owner Jack Hounty Address Brookway, Mont.
Driller Johnson Waterwell Service Address Timber, Mont.
Date Started Apr 27 '61 Date Completed May 2, 61
Location: Sec. 6 T. 17 R. 17 $\frac{1}{4}$ sec. NWNE-Sec 6

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: 0 ft. to 151 ft. Type std Size 6"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 108 to ft. 128. Ft. 140 to ft. 151

Type of screen or perforations 2 in.

Static Water level, for non-flowing well: 106' feet.

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

Pumping water level 110 feet at 3 gal. per min.

How tested: 3ail & Pump test

Length of test 4 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	
0	35'	yellow loam
35'	52'	shale - yellow
52'	82'	Blue Shale
82'	86'	Coal
86'	98'	gray soapstone
98'	101'	rock
101'	108'	fine - sandstone
108'	-	small flow of water
108'	120'	gray shale
120'	128'	more water
128'	151'	gray sandy shale
		END

122465

WATER WELL LOG # 59

State of Montana
County of McCone ss.

Office of Clerk and Recorder.

Filed this 21st day of June 2:30 P.M. 1910

Clerk and Recorder

Per Name Deputy

File No. _____

T. 17 R. 47

DUPLICATE

MONTANA WATER RESOURCES BOARD

County McCone

RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JUN 17 1969

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Paul Kasten Address Circle, MontDriller Edward Prest Address Brockway, Mont

Date of Notice of Appropriation of Groundwater _____

Date well started Apr 22 Date Completed May 1Type of well Drilled Equipment Used Drill
(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.

Top of Ground
(Elev. above sea level _____)

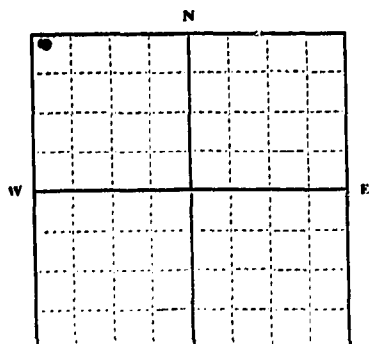
Gravel & Sand
Blue Clay

Coal & Brown Clay

Sand
Blue Clay
Sand & Water

Blue Clay 87

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 1/2"</u>	<u>4" plastic</u>	<u>Top</u>	<u>87</u>	<u>3/8" 966</u>	<u>68</u>	<u>85</u>



SE 1/4, SE Sec. 9, T. 17 R. 47

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 51 feet.Shut-in Pressure for Flowing Well NAPumping Water Level 60 feet at 6 gal. per minute.Discharge in gal. per min. of flowing well NAHow Tested Bailer Length of Test _____

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

acres irrigated, if used for irrigation) _____

Gravel packed the water veinDriller's License Number 45Driller's Signature Edward Prest

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.

45,332

135429

WATER WELL LOG #675

State of Montana
County of Yellowstone

Of Clerk and Recorder.

Filed this 16th day of

June A. D. 19 69

at 8:50 o'clock A. M.

Gloria Brennan
Clerk and Recorder

By Mary R. Kuebler
Deputy

Fee \$2.00

GW

Approved Stock Form—State Publishing Co., Helena, Montana—32488

File No. 430T. 17 R. 47

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

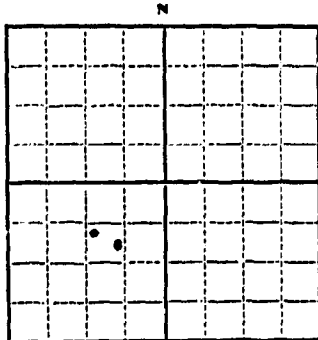
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Jake Himmerich 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:



N. 1/4 Sec. 10 T. 17 R. 47

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 watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1940 daily

4. The amount of groundwater claimed (in miner's inches or gallons per minute). not applicable

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 applicable

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. may 1940 June 1940

8. The depth of water table. 18 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. drill 18 feet deep

10. The estimated amount of groundwater withdrawn each year. about 400 gal daily

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

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 rec

Signature of Owner.

Jake HimmerichDate. Dec 22 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.

36401

DOC. NO.

~~127189~~
127189

WATER WELL LOG FILE NO. 430

JAKE HINMERICH

TO

THE PUBLIC

STATE OF MONTANA)
COUNTY OF McCONE)SS

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of Dec., 1963 A.D.
at 1:32 o'clock p.m.

L. Henry E. Papp
COUNTY CLERK

FEE: \$2.00

RECORDED
INDEXED
DEC 31 1963
MCCONE CO. MONT.

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38486

File No. 429T. 17 N R. 47 E

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

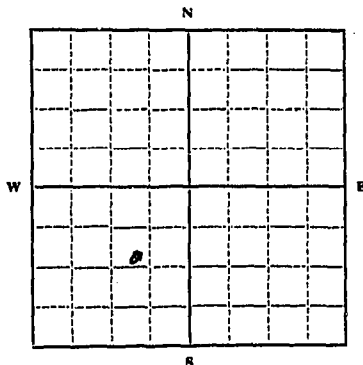
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED

JAN 16 1962

STATE ENGINEER

1. Jake Nimmerich of Brookway
(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:



N.E. 1/4 Sec. 10 T. 17 N. R. 47 E.

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

2. The beneficial use on which the claim is based household and irrigation garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1955 daily for household and garden in summer
4. The amount of groundwater claimed (in miner's inches or gallons per minute) not applicable
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 applicable
1/4 acre Jake Nimmerich
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump and gas engine
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Oct 1, 1955 Oct 15, 1955
8. The depth of water table 86 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 well casing 86 feet deep
10. The estimated amount of groundwater withdrawn each year 5000 gal.
11. The log of formations encountered in the drilling of each well if available loam and sand
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

Jake Nimmerich

Date

Dec 30, 1961

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.

36400

DOC. NO.

~~127188~~
127188

WATER WELL LOG FILE NO. 429

JAKE HIMMERICH

TO

THE PUBLIC

STATE OF MONTANA)
COUNTY OF MCGONE)SS

OFFICE OF COUNTY CLERK & RECORDER

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

at 1:31 o'clock p.m.


COUNTY CLERK

FEE: \$2.00

File No. _____

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED
JUN 17 1969T 17 R 47 / 16County McConeSTATE 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)

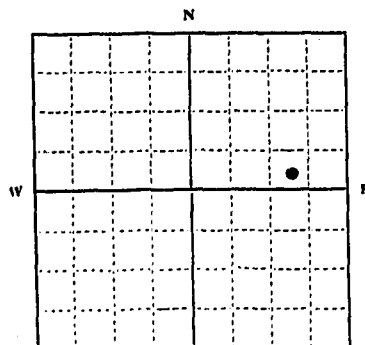
Owner Paul Kasten Address Brookway, Mont.Driller Edward Brest Address Brookway, Mont.

Date of Notice of Appropriation of Groundwater _____

Date well started May 28, 69 Date Completed June 12, 69Type of well Drilled Equipment Used 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"	4" 11" <u>pr</u>	Top	42'	2' Shale	21'	40'

NE 1/4 Sec 16 T. 17 R. 17

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 15' feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 28' feet at 12 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Balen 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) The casingare driven in the wellEdward Brest
Driller's License NumberEdward 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

45,331

135428

Water Well Log #674

State of Montana
County of McCone

Office of Clerk and Recorder.

Filed this 16th day of

June A. D. 1959

at 8:45 o'clock A. M.

Gloria Y. Brennan
Clerk and Recorder.

By *Mary L. Fuckle*
Deputy

Fee \$2.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Paul Kasten (Paul Kasten)
Address Brookway, Mont.
Date well started May 28, 1969 GW 1
completed June 12, 1969

Type of well Drilled
(Dug, driven, bored or drill-4)

Equipment used Drill
(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

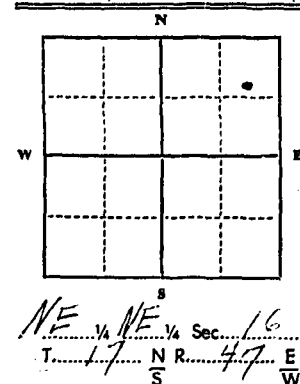
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe Well is used for Winter

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

ESTIMATED ANNUAL WITHDRAWAL 45,000 Gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
4"	4" 1/2"	Top	40'	Kind Size From (Feet) To (Feet) 2' slots 21' 40'



Static water level 15 ft.*
Pumping water level 28 ft.*
at 1.2 gallons per minute,
measured 3.0 minutes after pumping began.

*Measured from ground level.
Well developed by N/A
for N/A hours.
Power N/A Pump N/A HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Casing was shored

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

Driller's Signature Edward Burt

Driller's Address Brookway, Mont.

LICENSE NO. 115

County McCone 16

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)
6' 12"	12'
12'	20'
20'	40'
40'	72'

Doc. No. 136583
Filed for record May 28
this 28 day of May
A.D. 1969 at 10:00
o'clock PM

Show exact depth of bottom

46500

136783

WATER WELL LOG FILE #689

State of Montana } ss.
County of McCone }

Office of Clerk and Recorder.

Filed this 28th day of

May, A. D., 1970

at 1:30 o'clock P. M.

Gloria Y. Brenner
Clerk and Recorder

By *Mary E. Knicker*
Deputy

Fee \$2.00

File No. _____

ORIGINAL

MONTANA WATER RESOURCES BOARD

RECEIVED

MAY 17 1968

T. 17 R. 47

County McCone

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)

NORTHERN PACIFIC RAILWAY CO. OWNER

LESSEE

~~XXXXX~~ Address Rockway

Driller Edward Best Address Rockway

Date of Notice of Appropriation of Groundwater N/A

Date well started 4-8-68 Date Completed 4-20-68

Type of well drilled Equipment Used 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.

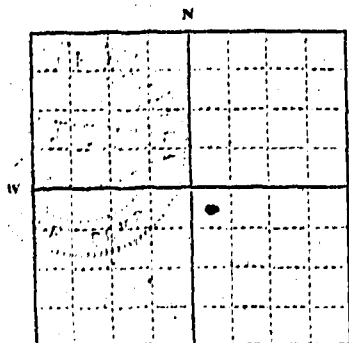
Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4" 1/4" well	Top	109	Slots	82	107

Top of Ground
(Elev. above sea level _____)
8' gravel

34' Blue Sand Clay

80' Shale
84' Water Sand

98' Shale
101' Sand
107' Shale
109' THE END



1/4 SE Sec. 17 T. 17 R. 47
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 70 feet.

Shut-in Pressure for Flowing Well N/A

Pumping Water Level 80 feet at 10 gal. per minute.

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

How Tested Balen Length of Test 1/2 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)

Gravel Packed

Driller's License Number 45
Edward Best
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.

County of McCone

OFFICE OF
CLERK AND RECORDER

CIRCLE, MONTANA
May 15th, 1968

GLORIA G. BRENNAN
County Clerk

MONTANA WATER RESOURCES BOARD

RECEIVED

MAY 17 1968

Montana Water Resources Board
Sam W. Mitchell Bldg.
Helena, Montana, 59601

Dear Sirs:

Enclosed you will find a copy of a correction of filing of a Water Well Log #⁶⁶⁴~~55~~,
Doc. No. 133928. Said Water Well Log should have been filed in the name of the
Northern Pacific Railway Company instead of the Lessee Paul Kasten.

We have corrected our records here and filed said Water Well Log in the name of
the Northern Pacific Railway Company, as Owner and Paul Kasten as Lessee. Could
you please correct your records also?

Thank you for your consideration in this matter.

Very truly yours,

Gloria G. Brennan
County Clerk

GGB:hs

Encl: 1

c.c. sent to Mr. E. V. Darlington, Director
Montana Bureau of Mines and Geology
Butte, Montana, 59701

T. 17 R. 47 31

County McCone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
APR 6 1961

WATER WELL LOG

STATE ENGINEER

Owner Philip Munchy Address Brookway, Montana

Driller Ira C. Bond Address Terry, Montana

Date Started March 25, 1961 Date Completed Mar. 27, 1961

Location: Sec. 31 T. 17 R. 47 $\frac{1}{4}$ sec. SW of the SW

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 104 ft. Type steel Size 4 inch

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

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

Perforated or Screened: Ft. 92 to ft. 102 Ft. _____ to ft. _____

Type of screen or perforations 5/16 in holes cut three in apart with cutting torch

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

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

Pumping water level: 70 feet at 6 gal. per min.

How tested: with bailer

Length of test: for one hour

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	
0	21	Sandy Clay
21	22	Water sand with water seep
22	26	Sand stone
26	36	Gumbo
36	38	Coal
38	55	GUMBO
55	57	Water Sand
57	67	Gumbo
67	70	Sand
70	71	Gumbo
71	74	Water Sand
74	78	Gumbo
78	86	Coal
86	93	Gumbo
93	102	Water Sand
102	104	Gumbo

FILE NO. 122175

WATER WELL LOG # 50

State of Montana } ss.
County of McCone }

Office of Clerk and Recorder.

Filed this 4th day of

April A. D. 1961

at 2:15 o'clock P. M.

[Signature]
Clerk and Recorder

By _____ Deputy

Fee None

T. 17 R. 47

County. McCone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

Owner. Philip Marohy Address. Brookway, Montana

Driller. Ira G. Ford Address. Terry, Montana

Date Started. March 25, 1961 Date Completed. Mar. 27, 1961

Location: Sec. 31 T. 17 R. 47 1/4 sec. SW of the SW

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 104 ft. Type. Steel Size 4 inch

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

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

Perforated or Screened: Ft. 92 to ft. 102 Ft. _____ to ft. _____

Type of screen or perforations. 5/16 in holes cut three in apart with cutting torch

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

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

Pumping water level. 70 feet at 6 gal. per min.

How tested: with bailer

Length of test. for one hour

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	
0	21	Sandy Clay
21	22	Water sand with water seep
22	26	Sand stone
26	36	Gumbo
36	38	Coal
38	55	Gumbo
55	57	Water Sand
57	67	Gumbo
67	70	Sand
70	71	Gumbo
71	74	Water Sand
74	78	Gumbo
78	86	Coal
86	93	Gumbo
93	101	Water Sand
101	104	Gumbo

FILE NO. **122175**

WATER WELL LOG # 50

State of Montana }
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 4th day of

April A. D. 1961

at 2:15 o'clock P. M.

[Signature]
Clerk and Recorder

By _____ Deputy

Fee None

133928

File No.

Doc. No.

Water Well Log #664

NORTHERN PACIFIC RAILWAY CO.
OWNER

Paul Kasten LESSEE

TO

The Public

STATE OF MONTANA
COUNTY OF McCONE, ss

The within instrument was filed for
record on April 29th, 1968 at 9:35
o'clock A.M., and is duly recorded in
Book Filed of page

Gloria Brennan
County Clerk and Recorder

By *Allen E. Hallen*
Deputy

Fee \$2.00 Paid.

Entered ☒
Direct ☒
Indirect ☒

17N 48F

141

Twp. 17N

Rge. 48E

[illegible]

GV

Approved Stock Form—State Publishing Co., Helena, Montana—38495

File No. 400T 17 R 48
County McCone

DUPLICATE

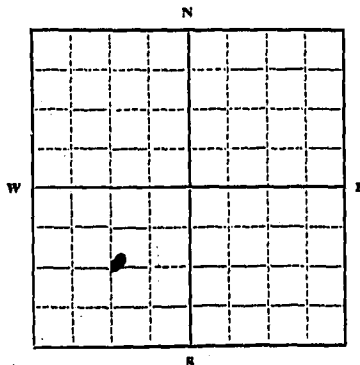
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JAN 16 1964

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
SW 1/4 Sec. 1 T. 17 R. 48
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 live stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1958

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5921

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

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 1956

8. The depth of water table 60

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 - 28 ft

10. The estimated amount of groundwater withdrawn each year 810,000

11. The log of formations encountered in the drilling of each well if available See 1-29220-1

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 Hubing Ranch Inc
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.

36371

DOC. NO.

127159

WATER WELL LOG FILE NO. 400

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 1:02 o'clock p.m.


COUNTY CLERK

FEE: \$2.00

RECEIVED
COUNTY CLERK

GW

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

File No. 422T 17 N 48 E

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

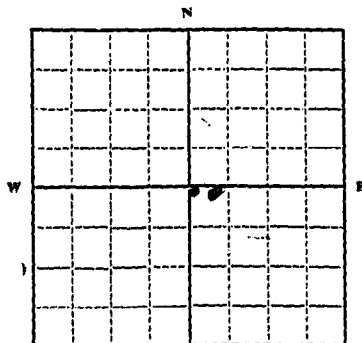
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Wm. Dekker of Circle Montana
(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 SE Sec. 2 T. 17 R. 48

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 & livestock

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

4. The amount of groundwater claimed (in cubic feet or gallons per minute) 10 gal per min

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof garden & lawn

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

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

8. The depth of water table. 48'

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. 24" casing 48' deep

10. The estimated amount of groundwater withdrawn each year. 438,000

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 Wm. Dekker

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.

36393

DOC. NO. 127181

WATER WELL LOG FILE NO. 422

WM. DECKER

TO

THE PUBLIC

STATE OF MONTANA }
COUNTY OF McCONE } SS

OFFICE OF COUNTY CLERK & RECORDER

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

at 1:24 O'clock p.m.

Henry E. Sigal
COUNTY CLERK

FEE: \$2.00

11 27
97 11 28

Decker & Decker

10 day fee

County Clerk

Decker & Decker

Decker & Decker

92

GW

Approved Stock Form—State Publishing Co., Helena, Montana—3806

File No. 421T. 17N R. 48E S. 3

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

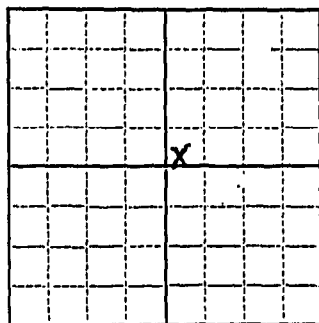
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Wm J Dekker of Circle Maud
(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 NE Sec. 7 T. 17. R. 48

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 Unknown
Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gal per min

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
none

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

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

8. The depth of water table 50'

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 24" wood casing 30 deep

10. The estimated amount of groundwater withdrawn each year 450,000 gal.

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 Wm J Dekker

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.

36392

DOC. NO. 127180

WATER WELL LOG FILE NO. 421

WM. DEXTER

TO

THE PUBLIC

STATE OF MONTANA)
COUNTY OF MOORE)SS

OFFICE OF COUNTY CLERK & RECORDER

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

at 1:23 o'clock p.m.

[Signature]
COUNTY CLERK

FEE: \$2.00

STATE ENGINEER
RECORDED
INDEXED

[Handwritten notes and signatures on the right margin]

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38196

File No. 535T. 17 N. 48 E. 10

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

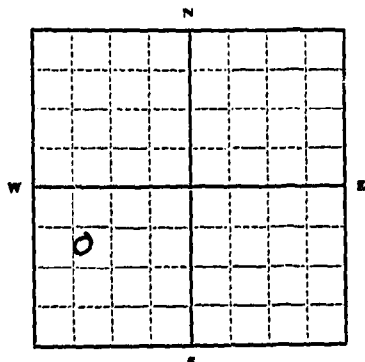
RECEIVED

Declaration of Vested Groundwater Rights JAN 16 1964

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Warner D. Johnson of Brockway, Mont.
(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 Sec. 10 T. 17 N. R. 48 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 Livestock
Drip Irrig. Water3. Date or approximate date of earliest beneficial use, and how continuous the use has been 1945 off & onto
Present time4. The amount of groundwater claimed (in miner's inches or gallons per minute) As per plat or limited
Amount of livestock

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 Gasoline engine & pump7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 19458. The depth of water table 15 feet9. 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 92 feet10. The estimated amount of groundwater withdrawn each year unknown11. The log of formations encountered in the drilling of each well if available 2 foot wood casing 1 1/4" pipe with 3 inch cylinder
Clay to water bearing sand to
coal.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

Date Dec 31 1963

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

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

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

36507

LOG. NO. 127296

WATER WELL LOG FILE NO. 535

WARNER D. JOHNSON

TO

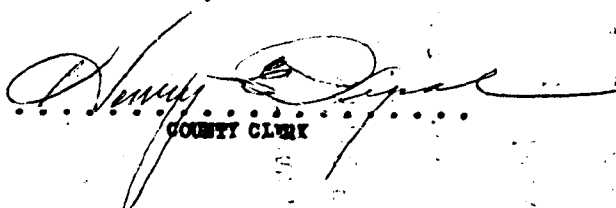
THE PUBLIC

STATE OF MONTANA)
)SS
COUNTY OF McCONE)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 2nd day of Jan., 1968 A.D.

at 8:25 o'clock, a.m.


.....
COUNTY CLERK

FEES \$2.00

JAN 20 1968

GW

Approved Stock Form—State Publishing Co., Helena, Montana—35496

File No. 423

T. 17N R. 48E

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

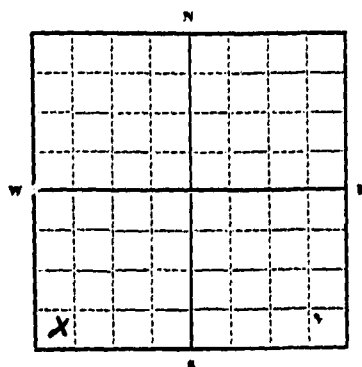
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Mr. J. Dehler, of Circle, Montana
(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. 11, T. 17, R. 48

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: 1962
Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 13 gal per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1962

8. The depth of water table: 150 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 5" steel casing
150 ft deep

10. The estimated amount of groundwater withdrawn each year: 450,000 gal.

11. The log of formations encountered in the drilling of each well if available: None

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

Signature of Owner: Mr. J. Dehler
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.

36394

DOC. NO.

127182

WATER WELL LOG FILE NO. 423

WM. DEKKER

TO

THE PUBLIC

STATE OF MONTANA)
COUNTY OF McCONE)SS

OFFICE OF COUNTY CLERK & RECORDER

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

at 1:25 o'clock p.m.

COUNTY CLERK

FEE: \$2.00

CIVIL ENGINEER

21.2M. 11.10. 28

21.2M. 11.10. 28

21.2M. 11.10. 28

21.2M. 11.10. 28

21.2M. 11.10. 28

File No. _____

MONTANA WATER RESOURCES BOARD

T. 17 R. 48

DUPLICATE

RECEIVED

County McCone

LOG

JUL 17 1967

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level _____)
14 yellow clay
15 gravel
17 yellow clay
19 rock
20 yellow clay

blue clay

125
136 gray sand
136 (water bearing)
bottom

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner William Dekker Circle, Montana

Driller Daniel G. Haggerty ess Lindsay, Montana

Date of Notice of appropriation of groundwater 11/1/67

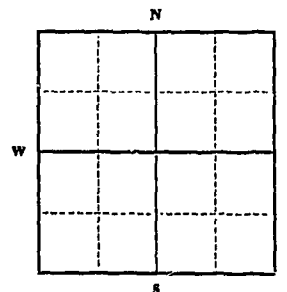
Date well started 10/26/67 Date completed 10/31/67

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	From (Feet)	To (Feet)
5 1/2"	4 1/2" 10#	42	136	1/8" slots	128	136



SE NE
Sec. 12 T. 17 R. 48
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 121 feet.
Shut-in Pressure for Flowing Well not applicable
Pumping Water Level 130 feet
at 6 gal. per minute.
Discharge in gal. per min. of flowing well not applicable
How Tested bailed
Length of Test 2 hrs.
Remarks: (Gravel packing, cementing, packers, type of shutoff) none

(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

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.

#13
Driller's License Number

Daniel G. Haggerty
Driller's Signature

44,324

134194

Water Well Log #666

State of Montana } ss.
County of McCone }

Office of Clerk and Recorder.

Filed this 15th day of
July A. D. 1968

at 11:30 o'clock A. M.

Gloria H. Brennan
Clerk and Recorder

By *Alvin E. Hallen*
Deputy

Fee \$2.00

File No. _____

JUN 21 1967

T. 17 R. 48

DUPLICATE

Driller's Name _____
 Driller's Address _____
 Driller's City _____
 Driller's State _____
 Driller's Zip _____

County McCone

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Top of Ground _____

(Elev. above sea level _____)

Notice of Completion of Groundwater
 Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0'-20' yellow sandy shale

20'-23' Gravel

23'-32' yellow mushy sand

32'-35' coal

Owner Edward R. Hyde Address Circle Mont.

Driller Joe Johnson Address Ferry, Mont.

Date of Notice of Appropriation of Groundwater _____

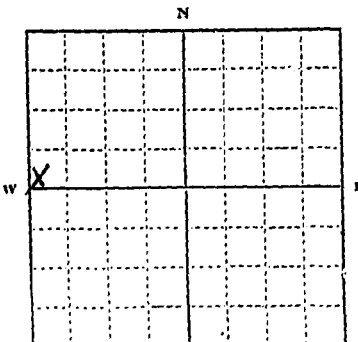
Date well started 6/16/67 Date Completed 6/16/67

Type of well Drilled Equipment Used Cable Tool
 (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" I.D. 11# P/F	+1'	35'	slots 1/4x6	#4	35



Section 13 T. 17 R. 48
 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 23 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 29 feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailer Length of Test 30 min.

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

acres irrigated, if used for irrigation) _____

Gravel Packed top to Bottom

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.

43,079

132718

Water Well Log #647.

State of Montana } ss.
County of McCone }

Office of Clerk and Recorder.

Filed this 19th day of
June A. D. 1967

at 11:50 o'clock A. M.

Gloria Brennan
Clerk and Recorder

By *Alvin E. Hallen*
Deputy

Fee \$2.00

GV

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

File No. 415T. 27 N. R. 4 E. S.

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

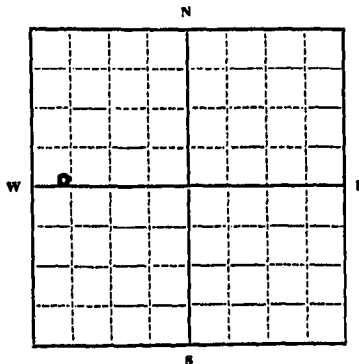
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Edward R. & Olive M. Heide 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. 13, T. 17 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 con-
tinuous the use has been.....
1943 continuously each year

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

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

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

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

8. The depth of water table..... 20 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.....
Hand dug well
1 foot diameter with wooden casing
36 ft. depth

10. The estimated amount of groundwater withdrawn each year.....
1,726,000 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.....
none

Signature of Owner Edward R. Heide
Olive M. Heide

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.

36386

DOC. NO.

127174

WATER WELL LOG FILE NO. 415

EDWARD R. & OLIVE M. HEIDE

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 1:17 o'clock p.m.


.....
COUNTY CLERK

FEE: \$2.00

RECEIVED
DEC 31 1963
CIVIL ENGINEER

File No. _____

STATE WATER CONSERVATION BOARD

T 17 R 48 14

DUPLICATE

FEB 9 1967

STATE OF MONTANA

County McCone

Borough _____

County _____

City _____

District _____

Section _____

M. D. _____

M. D. _____

M. D. _____

M. D. _____

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground _____

(Elev. above sea level) _____

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

(Under Chapter 237, Montana Session Laws, 1961)

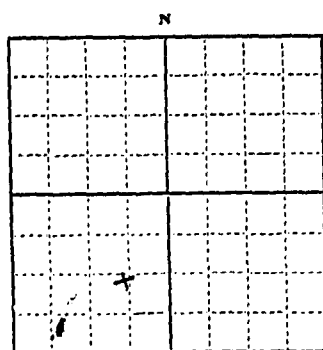
Owner Emil Kondalik Jr. Address Circle MontanaDriller Harold Garvin Address Circle Montana

Date of Notice of Appropriation of Groundwater _____

Date well started Oct. 30-1966 Date Completed Nov. 1-1966Type 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.

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	34	3/4" X 4" slots cut in casing	23	34



Sec. 14 T. 17 R. 48
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 23 feet at 8 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 Garvin
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.

47709

132328

WATER WELL LOG #644.

State of Montana } ss.
County of McCone }

Office of Clerk and Recorder.

Filed this 7th day of
February A. D. 19 67.

at 3:00 o'clock P. M.

Gloria Brennan
Clerk and Recorder

By *Alice E. Haller*
Deputy

Fee \$2.00

GS

Approved Stock Form—State Publishing Co., Helena, Montana—38499

File No. 548

T. 17 N. R. 48

DUPLICATE

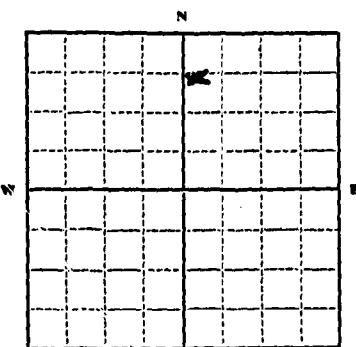
County McCONS

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)

1. Guldborg Bros Inc of Brockway
(Name of Appropriator) (Address) (Town)
County of McCONS State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 17 T. 17 R. 48

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 well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...
MAY 27 1960
6 months out of every year

4. The amount of groundwater claimed (in cubic inches or gallons per minute)...
10 gpm 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...
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...
Wind mill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...
MAY 23 1960
MAY 27 1960

8. The depth of water table...
76 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. casing, 146 feet

10. The estimated amount of groundwater withdrawn each year...
1,310,400

11. The log of formations encountered in the drilling of each well if available...
0-16 yellow clay
16-17 GRAVEL
17-34 yellow clay
34-38 Gumbo
38-54 sandstone
54-60 Gumbo
60-68 quick sand
68-70 blue clay
70-76 sandstone
76-78 blue clay
78-82 sandstone
82-90 water sand
90-98 clay
98-100 coal with water
100-108 sandy
108-146 Gumbo

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...
Information Not Available

Signature of Owner

Guldborg Bros Inc.
Thomas E. Guldborg
Date...
Dec. 31, 1963

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

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

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

36520

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ST-201-10

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[illegible]

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RECEIVED

MAY 23 1960

T 17 R 48

County MISSOULA

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Gplaborg Bros. Address Brockway, Montana
Driller Ira C. Bond Address Terry, Montana
Date Started May 23, 1960 Date Completed May 27, 1960
Location: Sec. 17 T 17 R 48 1/4 sec. NW 1/4

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: surface ft. to 84 ft. Type steel Size 6"

Casing: 56 ft. to 146 ft. Type steel Size 4"

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

Perforated or Screened: Ft. 84 to ft. 108 Ft. _____ to ft. _____

Type of screen or perforations burned holes

Static Water level, for non-flowing well: 75 feet.

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

Pumping water level: 40 feet at 10 gal. per min.

How tested: drilled

Length of test: two hours

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	16	yellow clay
16	17	gravel
17	34	yellow clay
34	38	gumbo
38	54	sand stone gal of water per minute
54	60	gumbo
60	68	quick sand
68	70	blue clay
70	76	sand stone
76	78	blue clay
78	82	sand stone
82	90	water sand
90	98	clay
98	100	coal with water
100	108	sandy
108	146	gumbo hoped to find more water, but not there

Doc. No. 120714

Water Well Log File No. 39

State of Montana }
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 21st day of

June A. D. 1960

at 9:45 o'clock A. M.

[Signature]
Clerk and Recorder

By Deputy

Fee None

G

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

File No. 545T 17N R 48E

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. Guldborg Bros Inc

(Name of Appropriator)

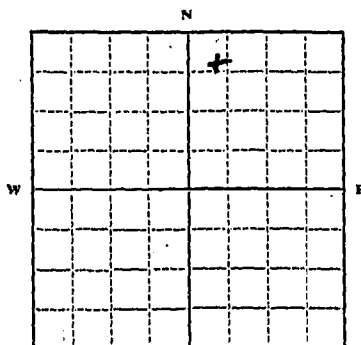
of Brockway

(Address)

(Town)

County of McCONEState of MONTANA

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



NW
of NE 1/4 of Sec. 20, T. 17, R. 48

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 stock3. Date or approximate date of earliest beneficial use; and how continuous the use has been UNKNOWN4. The amount of groundwater claimed (~~in inches~~ or gallons per minute) 5 GAL PER5. 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 IRRIGATION6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal WIND MILL7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater UNKNOWN8. The depth of water table 70 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 6 IN CASING 140 FT10. The estimated amount of groundwater withdrawn each year 500,00011. The log of formations encountered in the drilling of each well if available UNKNOWN12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NOT AVAILABLE

Signature of Owner

Guldborg Bros Inc
Thomas Guldborg
Date Dec. 31, 1963

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

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

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

36517

DOC. NO. 127306

WATER WELL LOG FILE NO. 545

GULDBERG BROS., INC.

TO

THE PUBLIC

STATE OF MONTANA)
)SS
COUNTY OF McCONE)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 2nd day of Jan., 1964 A.D.

at 8:36 o'clock, a. m.

COUNTY CLERK

FEB: \$2.00

GW3

File No.

DUPLICATE

T. 17 N. R. 48

County McConeRECEIVED
AUG 16 1962

STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Origin of spring -
unknown.

Owner Anthony Kovarik, Jr. Address Circle, Montana.

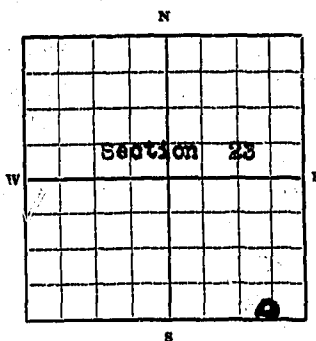
Contractor (if any) None

Address of Contractor ---

Date Started Unknown 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 is in form of pot-hole

in bottom of coulee- always has supply of water.



SE 1/4 Sec. 23 T. 17R. 48

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

Quantity of water developed and used with explanation of meth-
od used to measure or estimate such amount. If use is intermit-

tent estimate approximate lengths of periods of use 35 years

Spring is ideal for watering stock- accessible
from all sides

Signature of Owner Anthony Kovarik Jr.

Date August 13 th 1962

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.

124557

Water Well Log # 213

State of Montana

County of McCone

Office of Clerk and Recorder

Filed this 14th day of

August A.D. 1962

at 8:15 o'clock A.M.

[Signature]
Clerk and Recorder

By _____ Deputy

Fee \$2.00

GV

File No.

DUPLICATE

T. 17 N. R. 48

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

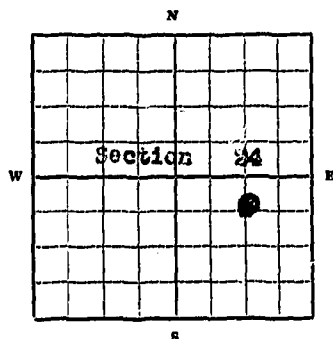
RECEIVED
AUG 16 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Anthony Kovarik, Jr., 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 Sec. 24 T. 17 R. 48

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 use and watering stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well was dug in year 1930, has been used daily as above stated.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Water from well is often used for irrigating garden plot.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal By electrically operated pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well was completed in year 1930.
8. The depth of water table 41 feet to level of water
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 It is a four inch hole and well is sixty-one feet deep.
10. The estimated amount of groundwater withdrawn each year 36,500 gallons
11. The log of formations encountered in the drilling of each well if available thirty feet of gray soil and clay - twenty-five sandy soil - five feet coal and one foot of hard sand.
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 Anthony Kovarik, Jr.

Date August 13 th, 1962

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.

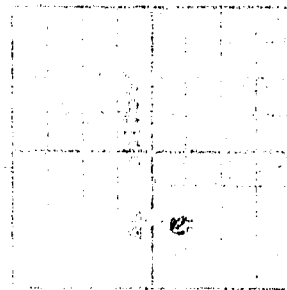
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

1976.

124556
WATER WELL LOG # 212

State of Montana
County of McCone
Office of Clerk and Recorder.
Filed this 14th day of
August A. D. 1962
at 8:10 o'clock A. M.

Dwight E. Tipton
Clerk and Recorder
By _____ Deputy
Fee \$2.00



Seal of the State of Montana
Notary Public
My Commission Expires
August 14, 1963
Dwight E. Tipton
Clerk and Recorder
McCone County, Montana

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42199

File No. 407T. 17N. R. 48E.

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964

Notice of Completion of Groundwater Appropriation
Without Well

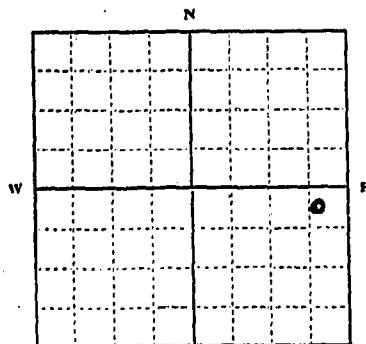
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1943Owner Edward R. & Olive M. Heide Address Circle, Mont.Contractor (if any) None

Address of Contractor _____

Date Started 1943 Date Completed 1943

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring development by clearing out a hole about 10 feet square about 4 ft. deep to flow freely.



SE 1/4 Sec. 27 T18N R48E

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

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

estimate approximate lengths of periods of use. Spring, summer and Fall, Water 50 head of stock or more. Estimated flow 4 gallons a minute.

Signature of Owner Edward R. Heide, Olive M. HeideDate Dec. 30, 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.

GW

Approved Stock Form—State Publishing Co., Helena, Montana—496

File No. 719T. 17 R. 48

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

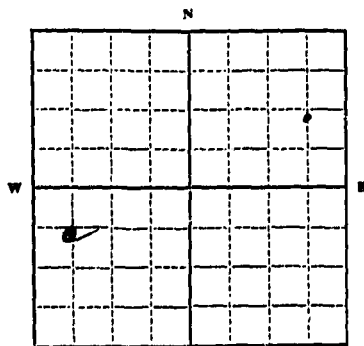
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Ben Laneton, 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:



NE 1/4 Sec. 30 T. 17 R. 48

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 con-
tinuous the use has been... 1954
6 MONTH EACH YEAR

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

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
10000 ACRES

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 with-
drawal of groundwater... 1954

8. The depth of water table... 18 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater... 6 in casing 38 ft

10. The estimated amount of groundwater withdrawn each year... 54000

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

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

Signature of Owner Ben Laneton

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.

36390

DOC. NO.

127178

WATER WELL LOG FILE NO. 419

BEN LANGTON

TO

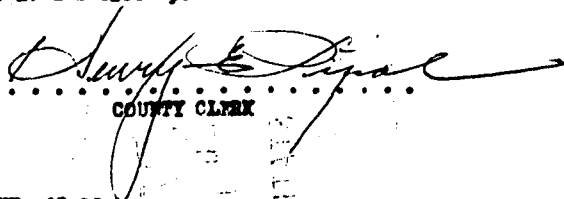
THE PUBLIC

STATE OF MONTANA)
COUNTY OF MOON) SS

OFFICE OF COUNTY CLERK & RECORDER

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

at 1:21 o'clock p.m.


.....
COUNTY CLERK

FEE: \$2.00

FILED
DEC 31 1963
MONTANA

GW

Approved Stock Form—State Publishing Co., Helena, Montana—3486

File No. 420T. 17^N R. 48^E 30
County McCone

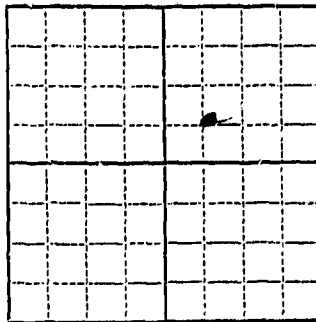
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. BEN LANGTON, 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 1/4 Sec. 30 T. 17 R. 48

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 con-
tinuous the use has been. 1939
60 DAYS YEAR
4. The amount of groundwater claimed (~~in minutes~~ or gallons
per minute). 3 GALLON PER MIN5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
STOCK TRAIL6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.
PUMP7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. 19608. The depth of water table. 50 ft9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater. 6 inch casing10. The estimated amount of groundwater withdrawn each year. 432011. The log of formations encountered in the drilling of each well if available.
Not known12. 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

Ben Langton
Date Dec 30, 1963Three 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.

36391

DOC. NO.

127179

WATER WELL LOG FILE NO. 420

BEN LANGTON

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 1:22 o'clock p.m.

Henry C. Sigal
COUNTY CLERK

FEE: \$2.00